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ABSTRACT

This SPEC (Systems Procedures and Exchange Center) Kit and Flyer summarizes results of a survey of ARL (Association of Research Libraries) members that was designed to gather information about current approaches to bibliographic control of materials digitized for preservation. The survey is intentionally limited to the cataloging treatment of materials that were digitized from the library's own collections for preservation purposes. It is assumed that, in most cases, bibliographic records already exist for the paper analogs either at the item- or collection-level. The survey does not attempt to deal with bibliographic control of remotely accessed electronic resources or resources that exist only in digital form. Representative documents are provided, including guidelines for managing electronic resources from the University of Florida, McGill University (Canada), and Pennsylvania State University; cataloging policies from Brown University (Rhode Island), Cornell University (New York), the University of Florida, the Library of Congress, and Pennsylvania State University; examples of catalog records from McGill University, the University of Michigan, the National Library of Canada, Northwestern University (Illinois), Pennsylvania State University, and the University of Texas; and examples of network-based access to digital resources from McGill University, the University of Michigan, Northwestern University, and the University of Texas. Selected journal articles and World Wide Web sites are listed. (Contains 20 references.) (MES)

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ED 437 954

# SPEC

SYSTEMS AND PROCEDURES EXCHANGE CENTER

# Kit 249

## Cataloging of Resources Digitized for Preservation

September 1999

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SYSTEMS AND PROCEDURES EXCHANGE CENTER

# Flyer 249

## Cataloging of Resources Digitized for Preservation

September 1999

### Introduction

The majority of current digital preservation efforts in research libraries still operate as pilot projects. Not surprisingly, many of the pioneering projects focused on determining the costs of scanning, the organization of information, design of the user interface, and development of the technical infrastructure for maintaining digital resources over time. Far less attention, outside of a few notable exceptions, was paid to issues related to describing or cataloging of digitized resources. With the advent of the World Wide Web and the demand for effective user access over the Internet, this situation is gradually changing.

As libraries undertake more digitization projects and as plans for large-scale imaging projects move forward, effective access strategies will play a key role in facilitating resource discovery. The mainstay of libraries' cataloging practices has been the provision of individual resource descriptions, that is, online bibliographic records in the library's OPAC and major bibliographic utilities. A central component of these efforts has been adherence to AACR2 (Anglo-American Cataloging Rules) and MARC (Machine-Readable Cataloging) standards, use of Library of Congress subject headings, and authority control of name and subject entries.

User demand for web access, rapid changes in information technology, and the high costs of MARC cataloging, however, are fueling a transformation in the methods for access. Not only are there several changes underway in the United States in AACR2 and MARC standards, but also on the international front in such efforts as the International Standard Bibliographic Description for Electronic Resources. Most importantly, libraries are pursuing entirely new approaches to facilitate access to digitally reproduced resources. Major efforts are underway to provide user access to these resources on the World Wide Web. The spectrum of options ranges from full-text encoding to provision of metadata modeled after the Dublin Core to collection-level MARC records and encoded archival finding aids.

This SPEC survey focused on current bibliographic control strategies for materials digitized for preservation. The survey was intentionally limited to electronic access to materials that were digitized from a library's own collections for preservation purposes. The survey did not attempt to deal with cataloging of remotely accessed electronic resources or resources that only exist in digital form.

### Survey Results

Sixty-one of the 122 ARL member libraries (50%) responded to the survey. Only 19 respondents (31%) reported that items digitized for preservation purposes are cataloged, while 26 reported no cataloging activity. Sixteen institutions indicated that planning is underway. Comparing these results with the responses to a survey conducted in 1996, *Digitizing Technologies for Preservation* (SPEC Kit 214, March 1996) institutional practice has not improved significantly over the past three years. In the 1996 survey, 28% of the respondents indicated that MARC records are created for digitized materials. In both surveys, the focus was on the use of digitization for preservation purposes.

Collectively, the respondents to the new survey reported that 255,467 paper-based items were digitized in 1997–98. Projects ranged from a few items to 130,000, with a median figure of 1,100 items. Although the survey did not ask about titles or types of materials digitized, the responses indicate a striking variety of newly digitized resources. Among these collections are photographs, posters, manuscripts, papyri, and archives.

*Cataloging Policies.* Nearly all of the institutions that currently catalog items digitized for preservation purposes reported that MARC and AACR2 standards are followed. But institutional cataloging practices vary considerably in the specific cataloging technique, depending upon local constraints, compromises between cost and availability of existing records, and the ease of creation and maintenance. Twelve institutions (57%) reported that they amend an existing catalog record for the nondigital original to provide information about the digitized resource. Nine libraries (43%) create a separate machine-readable record for digitized monographs and serials. Moreover, policies

are often situational and may vary based on the specific requirements of a project or on system constraints.

Efforts are underway to standardize practice for cataloging electronic resources, most notably through the Library of Congress's *Draft Interim Guidelines for Cataloging Electronic Resources* (available at <http://lcweb.loc.gov/catdir/cpso/elec_res.html>). The Library of Congress (LC) policy uses the single-record approach for digitization of existing LC collections and "one-to-one" electronic reproductions and the multiple-record approach for compilations and electronic anthologies.

One challenge looms large: providing access to resources such as manuscripts, posters, or photographs that libraries traditionally have not described individually. Several libraries reported using collection-level records for digitized compilations, while others rely on metadata in the digitized files only.

*Managerial Responsibility.* Cataloging of electronic resources, like other kinds of resources, is a highly technical matter, and in 28 responding libraries (85%) the responsibility rests with the cataloging unit. In five libraries (15%), the unit responsible for creating the electronic resources also manages the description of the digital files.

*Networked-Based Access to Digitized Resources.* The most striking aspect of the responses is the extent of experimentation and the range of approaches in the use of web-based access strategies. The various access mechanisms represent widely varying costs and implications for future technological improvements. The present state of affairs makes it difficult, however, to determine whether an item has been already digitized, because there are so few standardized registers or catalogs of the growing array of library digitization projects. One exception is the Association of Research Libraries' Digital Initiatives Database <http://www.arl.org/did/>. This is a web-based registry for descriptions of digital initiatives in or involving libraries. The goal of the effort is to capture basic information for a wide range of digital initiatives. The database is a collaboration between the University of Illinois at Chicago and ARL.

Like the variety shown in network-based access strategies, there also exist a multiplicity of options for describing digitized resources. The Dublin Core Metadata Initiative offers a lower-cost alternative to full MARC cataloging. Dublin Core records encompass information about the technical characteristics of digital files, their location, and summary of their content. Several libraries reported using Dublin Core descriptions that are embedded in the electronic resource. Other libraries reported using descriptors that are modeled after the Dublin Core. OCLC's Cooperative Online Resource Catalog (CORC) project is pioneering efforts "to build the next-generation catalog of Web resources." Already more than 30 ARL libraries are cataloging digital resources as part of the CORC project, and several respondents indicated that they plan to participate in the project. Still another approach is to create separate access databases, such as the Digital Initiatives Database, to help users in discovering and accessing digitized resources. This approach is significantly enhanced by the capacity of new OPAC records to link directly to websites. Many other possibilities are on the horizon. While the responses show a range of options for describing digitized resources, it is evident that no single approach has been widely adopted yet.

## Conclusion

Many factors are contributing to the transformation of traditional approaches in making research resources known to users. Increasingly, these approaches focus on making resources available through the web. To make matters worse, not only are these strategies for accessing digitized resources changing rapidly, they also exist now in a wide variety of choices. Since the pace of change seems unimpeded by the lack of standards and uncertainty about future technological developments, libraries engaged in digitizing for preservation must determine the best approach to digital capture as well as the most effective access strategies in a dynamic environment.

***This SPEC Flyer and Kit were prepared by Jutta Reed-Scott, ARL Consultant.***

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SYSTEMS AND PROCEDURES EXCHANGE CENTER

# Cataloging of Resources Digitized for Preservation

A SPEC Kit compiled by

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ARL Consultant

September 1999

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SPEC

SYSTEMS AND PROCEDURES EXCHANGE CENTER

# Kit 249

## Cataloging of Resources Digitized for Preservation

September 1999

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# SURVEY RESULTS

# CATALOGING OF RESOURCES DIGITIZED FOR PRESERVATION

As libraries undertake more and more digitization projects and as plans for large-scale imaging projects move forward, the ability to identify and locate existing digitized resources is a vital requirement. The traditional characteristics of such bibliographic access or control are the availability in each major utility of machine-readable records, the adherence to agreed-upon guidelines, and the representation in local OPACs.

However, in the dynamic world of electronic resources, mechanisms for access are still evolving. Not only are there several changes developing in AACR2, in USMARC, and in such international activities as the International Standard Bibliographic Description for Electronic Resources, but new approaches are also emerging, such as the Dublin Core.

**Definition**

Digitizing for preservation purposes is the reproduction of bound volumes, pamphlets, unbound sheets, manuscripts, maps, posters, works of art on paper, and other paper-based materials for the purpose of:

- making duplicate copies that replace deteriorated originals (e.g., by making high-resolution electronic copies of photographs and storing them permanently in electronic form and/or printing them on alkaline paper);
- making preservation master copies and thus guarding against irretrievable loss of unique originals (e.g., by making high-resolution electronic copies of photographs and storing them permanently and/or printing them);
- making surrogate copies that can be retrieved and distributed easily, thereby improving access to information resources without exposing original materials to excessive handling; or
- some combination of these factors.

**Cataloging**

An essential element in cataloging of electronic resources is adherence to the standards of *Anglo-American Cataloguing Rules*, second edition, revised (AACR2), in conformity with the Library of Congress rule interpretation and the requirements of the USMARC bibliographic format. In addition, the provision of subject headings and authority control of name, series, and title access points are highly desirable. The Library of Congress has prepared guidelines in "Draft Interim Guidelines for Cataloging Electronic Resources" (available at <http://lcweb.loc.gov/catdir/cpso/elec_res.html>) that establish an initial set of data elements for cataloging electronic resources. This survey uses these Interim Guidelines as a departure point for assessing current practices in cataloging electronic resources.

This survey is designed to gather information about current approaches to bibliographic control of materials digitized for preservation. The survey is intentionally limited to the cataloging treatment of materials that were digitized from the library's own collections for preservation purposes. It is assumed that in most cases bibliographic records already exist for the paper analogs either at the item- or collection-level. The survey does not attempt to deal with bibliographic control of remotely accessed electronic resources or resources that only exist in digital form.

This survey was drafted by Jutta Reed-Scott, Consultant, Association of Research Libraries. Responses and supporting documentation are due in the ARL office by January 28, 1999. As always, your individual responses will be treated confidentially.

---

Note: 61 of the 122 ARL member libraries (50%) responded to this survey.

## General Information

1. Does the library currently catalog items digitized for preservation purposes?

| | | |
|---|---|---|
| Yes | 19 | 31% |
| No | 26 | 43% |
| No, but planning is underway | 16 | 26% |

2. Estimate the total number of paper-based items that were digitized for preservation in FY 1997–98. Record the total number of items that were digitized—not the total number of versions of these items that were created. When a photograph has been scanned and printed, a low resolution image mounted on the World Wide Web, and images having higher resolution recorded on CD-ROM, report only one photograph digitized.

| Responses | Range | Mean | Median |
|---|---|---|---|
| 22 | 3–130,000 | 11,612 | 1,100 |

| Responses | Range | Mean | Median |
|---|---|---|---|
| 5 | 3–99 | 14 | 10 |
| 5 | 100–999 | 408 | 411 |
| 7 | 1000–9999 | 2913 | 2241 |
| 4 | 10,000–99,999 | 25,741 | 19,169 |
| 1 | 130,000 | N/A | N/A |

## Cataloging Policies

Two cataloging techniques are available for indicating the existence of an electronic resource or manifestation. The single-record technique provides information about the digitized resource in the bibliographic record for the original, particularly when the electronic resource serves as a surrogate in lieu of use of the original materials. The two- or multiple-record approach creates a separate record for the electronic manifestation. Under this approach, a separate bibliographic record is used to represent the electronic resource.

3. Please check applicable cataloging policies for electronic resources. (N=21)

| | | |
|---|---|---|
| Electronic resources are being cataloged according to the general rules of AACR2 | 20 | 95% |
| Conventions for USMARC records are followed | 20 | 95% |
| The single-record technique is used for monographs, serials, special formats, and archival collections | 12 | 57% |
| A new machine-readable record is created for digitized compilations or electronic anthologies whose constituent elements have been brought together and selected, coordinated, or arranged to form a new work | 12 | 57% |
| A new machine-readable record is created for digitized monographs, serials, special formats, and archival collections | 9 | 43% |

4. If the library uses the single-record technique, please check applicable data elements included in the 530 field (Other Physical Form Available Note). (N=12)

| | | |
|---|---|---|
| An introductory phrase indicating the additional availability of an electronic manifestation | 10 | 83% |
| General information about access, particularly any restrictions on access or information about availability | 8 | 67% |
| Information about the content of the electronic manifestation when it varies from that of the original, e.g., a subset of the original or additional material | 6 | 5% |
| The name or title of the electronic manifestation if it varies from that of a tangible counterpart or subset | 4 | 33% |

5. Does the library provide special indexing for digitized images?

| | | |
|---|---|---|
| Yes | 11 | 35% |
| No | 20 | 65% |

## Managerial Responsibility

6. Please indicate which library department is responsible for the cataloging of electronic resources.

| | | |
|---|---|---|
| Cataloging unit | 28 | 85% |
| Preservation department | 5 | 15% |

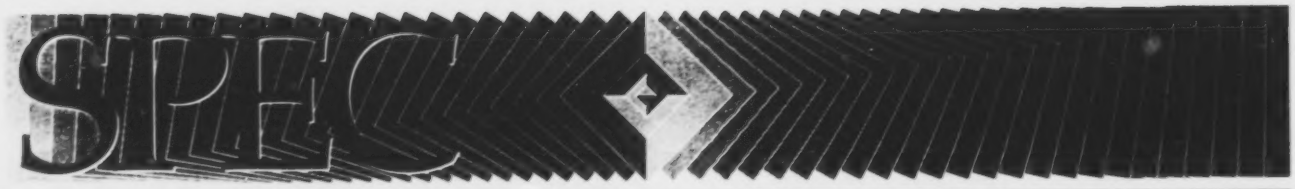
## Networked-Based Access to Digitized Resources

7. Does the library provide web-based resource descriptions (e.g., Dublin Core)?

| | | |
|---|---|---|
| Yes | 12 | 36% |
| No | 21 | 64% |

## Responding Institutions

University of Alabama
University of Alberta
Arizona State University
Brigham Young University
University of British Columbia
Brown University
University of California–Irvine
University of California–Riverside
University of California–San Diego
University of California–Santa Barbara
Canada Institute for Scientific and Technical Information
Case Western Reserve University
University of Colorado
Cornell University
Dartmouth College
University of Delaware
Emory University
University of Florida
Florida State University
University of Georgia
Georgia Institute of Technology
University of Hawaii
University of Illinois at Chicago
University of Illinois at Urbana
Johns Hopkins University
Laval University
Library of Congress
Louisiana State University
McGill University
McMaster University
University of Manitoba
University of Massachusetts
University of Michigan
University of Minnesota
National Agricultural Library
National Library of Canada
University of New Mexico
New York Public Library
New York University
University of North Carolina
North Carolina State University
Northwestern University
University of Notre Dame
Ohio State University
University of Oklahoma
University of Oregon
Pennsylvania State University
Smithsonian Institution
Southern Illinois University
State University of New York at Albany
State University of New York at Buffalo
University of Texas
Texas A&M University
Texas Tech University
Vanderbilt University
University of Virginia
Virginia Tech
Washington University–St. Louis
University of Waterloo
University of Wisconsin
York University




SYSTEMS AND PROCEDURES EXCHANGE CENTER

# REPRESENTATIVE DOCUMENTS

DRAFT

**Smathers Digital Library Center**
**Fall 1998 Draft**

## Mission Statement

The mission of the Digital Library Center (DLC) of the George A. Smathers Libraries is to facilitate and focus the Libraries' development of digital programs and services. Its purview includes multimedia databases, digital collections, electronic text applications, online exhibits and finding aids. A primary goal of the DLC is to enhance the Libraries' role in electronic scholarly communications through effective and responsive digitization, dissemination, and longterm storage of university research and resource materials from the Libraries' collections. The intent is to define a program that is scalable and sustainable. An important function of the Center is to provide library and university researchers with state-of-the-art equipment and technical expertise for scanning and text markup. Important byproducts will be the establishment and promulgation of standards for digital library projects, the development of productive partnerships with individuals and groups at UF as well as the academic and business community beyond the university, provision of modern and effective methods for responding to user requests for reproduction of library materials, and effective programs for marketing and distributing digital products.

## Proposed Activities

The Digital Library Center will develop and implement user-responsive access, storage, and delivery of digital resources from collections at the University of Florida. The Center will have primary responsibility for the development of the UF Smathers Library digital library collection and digital delivery services. In coordination with the Florida Center for Library Automation, the Center will integrate effective user interfaces to these resources. Materials will be digitized and marked up for effective access. These will be electronically delivered on request to support instruction, distance education, and scholarly research.

The Center will build on the experience and products created from previous digital projects, such as the Mellon-funded Caribbean newspaper project.

Potential projects that have been identified include:

*Florida Geological Survey.*
Florida tourism ephemera -- proposal to Ameritech Nov. 1998
*Florida Heritage Project* -- A collaborative SUS project, scanning a subset of Florida History collection
A subset of the Baldwin collection -- needs further investigation, identification of funding prospects
Various Humanities Texts identified by several academic departments.

Phase II Caribbean newspaper project to improve indexing and searching access to foreign language newspapers.
Holy Land maps
Florida maps
Electronic Theses & Dissertations

Access, storage, and delivery models should be identified, tested, and evaluated by the end of the first year of the Center. Required planning considerations include: proposals for grant/foundation, or other outside funding, budget and resource development for projects, integration with the existing library catalog, archival storage copy, copy-on-demand user options, delivery systems to individual workstations in and out of the library and through remote dial-in service, training programs for users, and cost recovery methodology.

**Organization**

Policy Advisory Committee -- including faculty, OIR, Special Collections, Systems, Preservation, Administration, CM bibliographers, Public Services

Organizational Chart -- Reports to Library Director

**Staffing, Facilities, and Budget**

A. Staffing. Staff in the Center will generally retain their FTE appointments in their home departments. The Center will begin with 1 FTE A&P position as director. The remaining staff will consist of part time assignments for other library staff, and additional positions obtained through grant or other auxiliary funding sources.

1 FTE Digital Library Center Director -- leads libraries in creating digital library. acts as catalyst for digital library initiatives coming from other depts. budget planning management, etc.

1 Total FTE resource selectors -- consisting of up to five .2 fte assignments --subject expertise with suggested public domain resources

1 FTE scanning technician -- knowledge of and experience with scanning technology

.5 FTE catalog/access coordinator -- knowledge of cataloging, SGML, html, trends in metadata standards development

.5 FTE Web librarian -- thorough knowledge of evolving Web environment, demonstrated experience in creating and implementing Web resources and services.

.25 FTE cost recovery/budget analyst--experience with budget development and some knowledge of developing publishing and promotional budgets.

.5 FTE user services/educational technology coordinator--identifies and makes available resources for instructional curriculum planning (reserves), distance ed-- demonstrated experience

successfully delivering digital resources to users, with multimedia authoring tools, and developing interactive instruction programs (or commitment to learn these skills)

Additional support staff positions to scan, markup, build web sites, maintain currency etc.

Part time assignments to the Center will be made through internal postings. Staff interested in applying to participate in the Center should submit a brief letter of interest, addressing their qualifications and interest in working in the Center to Library Personnel. The Directors will select Center members. The Center Director will be an external posting.

The Center is responsible for coordinating widely within the library and with appropriate university faculty and computing groups. It is also responsible for project management, including establishing plans with timelines and producing quarterly reports.

B. Facilities and Equipment resources.

Space will be allocated to the Digital Library Center out of existing Technical Services office space in the Smathers Library. *(Needs to be determined)*

Digital Center equipment *(Need specs)*

- scanners
- workstations
- Peripherals and PC's

C. Budgetary Information

The Libraries will provide an initial three-year budget for startup operations of the DLC. This budget covers the core areas of scanning/digitization and Web access technologies. For the Center to be considered a success, it must acquire future grant support for additional salaries and generate cost recovery income collected from reformatting fees.

# McGill University Libraries Principles for Acquiring, Licensing and Managing Electronic Resources

October, 1998

## Introduction

The purpose of this document is to provide policies and general guidelines for the selection, acquisition, review, contract negotiation and access to electronic resources by the McGill University Libraries. The continuously changing nature of electronic resources is redefining the way we work. The challenge is to keep pace with new technologies and new formats. The efficient development of useful electronic collections requires greater coordination and communication between library units. A long-term goal for the Libraries is to mainstream these resources so that their integration into the collections becomes routine. The present policy should be regarded as a focus for discussion and collaboration and will be revised on an ongoing basis.

## Definition

An electronic resource or publication is information made available digitally and encoded for manipulation by a computer. It can be a full text document, with or without graphical images, such as a monograph or journal or a collection of, or selections from monographs and journals. It can be a bibliographic database such as an abstracting and indexing service. It can be numeric data, graphical data, or software.

The resource may exist in one or more electronic formats (also called carriers) such as CD-ROM, datafile, optical disc, magnetic tape, diskette, or the web.

### Delivery and User Access

Electronic publications and data may be **served or delivered** locally or remotely. A locally served electronic resource is a "tangible" resource created or mounted locally, i.e. a carrier such as a CD-ROM, tape or diskette must be inserted into or connected to a computer here at McGill, or data is input directly to a local computer. Some examples: the McGill library digitization project where images and data are scanned or input directly into a computer in the libraries; CD-ROMs networked by the Library Systems Office; PERUSE files loaded at Computing Centre; stand alone CD-ROMs or diskettes used on computers in our libraries.

A remotely delivered resource is resident in a carrier that is not at McGill, e.g. OCLC First Search databases, electronic journals accessed via the Institute of Physics, Britannica Online, CANSIM numeric files served from the University of Toronto.

**User access** can also be local or remote. Local access from the point of view of the user is access from within the libraries: using a MIDAS station or a CD-ROM on a library PC; using resources acquired by the libraries and loaned to users such as diskettes or CD-ROMs which circulate.

Remote access from the point of view of the user is access from outside the libraries, e.g. a professor's office, student residence, from home, etc. This is done via tools such as a telnet client or web browser. Note that remote user access can be to either local or remotely delivered resources as described above.

**Selection**

Subject oriented collection policies which relate to McGill's teaching and research programmes are well established. These policies should guide the selection of any material being considered for addition to the collection whether in print or electronic format. Bibliographers and subject selectors in each library have responsibility for the selection of electronic resources.

If the resource is of a broad multidisciplinary nature, a well-documented proposal should be sent to the *Task Force on Interdisciplinary Electronic Resource Collections*. See Appendix I.

Whenever possible and after evaluating cost, content, timeliness of updates, search software, accessibility by the McGill community and ensuring the existence of a stable archive, favour electronic resources over their print equivalent and favour remote access over local.

Guidelines for selection of electronic resources:

- Follow established subject collections policies and levels.
- Consider user community - McGill and beyond - effect on format and cost.
- Is the product suitable for consortial or bilateral sharing? Consider potential for improving resource sharing.
- Authority of compilers/authors.
- Are reviews available?
- Stability of resource - guaranteed long-term access/archiving if appropriate.
- Whenever possible - do not duplicate existing print or electronic versions.
- Is remote access important and does the product allow for this? Whenever possible do not choose remote access requiring individual passwords for users.
- It is the responsibility of the bibliographer or the Task Force on Interdisciplinary Electronic Resource Collections to confirm that the appropriate support and technical infrastructure exists within the library system and /or within the McGill domain. Consult with computer services/ systems colleagues to be sure the library can accommodate the resource in terms of hardware and software. (See Appendix II on Functionality)
- If a trial period is available, take advantage of this opportunity and seek comments from users and colleagues. Allow time for license review. Examine quality of documentation and online help.

**Review**

It is the responsibility of the bibliographer or the Task Force on Interdisciplinary Electronic Resource Collections to re-evaluate selection decisions as necessary, including reliability and speed of access, fine-tuning of the license/contract agreements based on user statistics and feedback, the availability of new resources, change of format or improvements in existing resources. De-selection should be considered if the resource has continuing performance problems, is replaced by a new version or edition, no longer conforms to the collecting criteria laid out in the relevant subject collections policy or is no longer justified by use or potential use.

**Acquisition**

The acquisition of paid electronic resources will be handled in a manner that is consistent with the acquisition of other library materials. Accounting for all electronic resources is to be done in the library acquisitions system, whether paid from system-wide or subject specific funds. Free electronic resources which are intentionally selected by the libraries will be treated as gifts.

**Funding**

Electronic resources can be funded in several different ways:

- Subject or Area specific electronic resources are funded from the relevant monograph or serials fund keeping in mind the need to balance such purchases with other demands on those funds. If the cost is extraordinary, the bibliographer may apply to the Collections Librarian, Area Librarian or Library Head for extra funding.
- Broad multidisciplinary resources are funded from a central budget after consideration by the Task Force on Interdisciplinary Electronic Collections.
- For resources that fall between specific and broad, e.g. a resource of interest to two areas, or a request to add system wide access to a subject specific title, the following is recommended:

    1) resources that cost $1,000 per year or more - consider these multi-disciplinary and fund from the system-wide e-resources budget. This budget will have to be increased from time to time with monies "off the top" to accommodate this broader access
    2) resources that cost less than $1,000. per year - it is the responsibility of the interested parties to work out funding between or amongst themselves.

- If the resource is to be funded partially or entirely by faculty or a consortium (or any body external to the library system), a written agreement is required which clarifies obligations entered into by all parties, acceptable to the Library Head/Director.

**Licensing**

License agreements are used by electronic resource providers to control the distribution of and access to their products. It is imperative that McGill librarians read and understand the terms and conditions stated by the vendor. Contracts may need to be amended and new terms negotiated with vendors in advance of purchasing the resource.

The Association of Research Libraries' document "Principles for Licensing Electronic Resources" Final Draft, July 15, 1997 (Appendix IV) should be used whenever possible as a model to guide the license review process.

A License Review Committee will provide guidance and gain expertise in this procedure. The Committee's mandate, composition and current duties are contained in Appendix III.

Licenses for all electronic resources should be read in advance of purchasing the resource.

Licenses for all purchases from the system wide interdisciplinary electronic resources fund will be read by the License Review Committee. Licenses for all networked CD-ROMs will be read by the

License Review Committee. Licenses for standalone CD-ROM databases will be read by a bibliographer. Licenses for web resources will be read by a bibliographer.

All licenses read by the License Review Committee will be signed by the Director of Libraries or her delegate. Other licenses will be signed by a bibliographer.

The Library Systems Office requires a complete copy of the license for all web, PERUSE, and networked CD-ROM resources. A digital image database will be created, updated and made accessible from the LSO web page.

## Bibliographic Access and Control

Access to all bibliographer approved electronic publications, paid or free, will be made available through both the OPAC and the Web.

Library Technical Services and Health Technical Services are responsible for record creation and maintenance for electronic publications in the OPAC. Provisions for electronic publications will be incorporated into cataloguing policies, procedures and processes. Current North American standards will be followed.

Aggregate resources will be given a collective record. Brief or full analytical records will be made for individual titles within the collection if requested by the bibliographer/selector and as time allows.

Individual libraries and the Library Systems Office are responsible for the creation and maintenance of Web pages and links. Links to the resource will be direct unless an information page is required to improve access.

For more detailed guidelines and future directions see the report of the Bibliographic Access and Control Committee in Appendices V and VI.

## Implementation

An Implementation and Procedures Group has been set up to determine staff responsibilities, logical workflow, communication methods and to prepare forms and procedures to handle electronic resources through all stages.

*Appendix V. Recommendations for Bibliographic Access and Control of Electronic Resources*

## Introduction

This report is submitted on behalf of the **Bibliographic Access and Control Committee** (BACC). BACC is a sub-group of the Electronic Resources Policy Group. The group was formed in the summer of 1997, and has, since its creation, met at regular intervals to discuss the many issues related to the sub-group's mandate. If the selection of electronic resources presents challenges to academic libraries, then providing **access to** and maintaining **bibliographic control** of electronic resources presents even greater problems and challenges, especially in an era of rapid technological change and vanishing fiscal and human resources.

## Mandate

The mandate of the sub-group was two-fold. The first was to examine and report on the issues and problems related to providing bibliographic access to and maintaining bibliographic control of electronic resources selected by McGill University Libraries. The second was to make policy recommendations to the Electronic Resources Policy Group.

## Committee Members:

Valerie Fortin, Marilyn Fransiszyn, Elizabeth Gibb, Bruce Grainger, David McKnight (Chair), Lynne Murphy, Diane Philip and Lonnie Weatherby. (Note: For personal reasons Lynne Murphy resigned from the committee and was replaced by Joanna Andrews)

## Preliminaries

What is an electronic "publication"?

Material in diverse types , (journals, monographs, updating services, abstracting and indexing services, full text materials, aggregations of these, and multimedia etc.), that is digitally available. The product may be an optical disk, magnetic tape, diskette, networked, or web-based and accessible either remotely or locally.

A) Remote access - Electronic data which is delivered or made accessible via the Internet and/or via remote connection to a LAN (Local Area Network) .
B) Local access - Electronic data managed locally and available via the Library Network on the McGill University Campus only, or single use products, i.e. a stand alone CD-ROM or diskette for use in the library.

## General Recommendations

Electronic publications should be incorporated into regular library policies, procedures and processes as much as possible.

Technical services should be responsible for the ordering and record maintenance of electronic publications as they are for print publications. This includes placing orders, completing institutional registration procedures, and creating and maintaining uniform bibliographic records

on the OPAC. It could also include the creation and maintenance of web bibliographic records with indexing capability.

Since the Health Sciences Library is still handling all technical services aspects of serials, they will continue to be responsible for the serial electronic publications acquired for their collection and that of the Osler Library.

Access to electronic publications should be made available through both the OPAC and the Web.

Need to create a liaison between Technical Services which maintains the catalogue and creators of Library Web Pages to insure that students and staff will have access to all electronic resources selected by library staff.

As an interim measure it is important to provide visible access to **bibliographer approved** electronic resources in both the OPAC and on the Library's home page, through relevant directories and/or a "What's New" feature pages.

**Bibliographic Access**

The OPAC should provide patrons with a platform from which information might be accessed whether the information is located in a University building or in any part of the world. In anticipation of a new McGill Library Management Information System that will be capable of cataloguing and "hot-linking" directly to web-based information the following proposals are put forward:

1) All **selected resources** whether full text journals, online books and documents, or databases, purchased or subscribed to by the library **or** listed on the library web site(s), should be catalogued. These include:

   All paid resources

   Non-paid resources or sites access selected by a subject specialist

   Free resources included with print subscriptions

2) Bibliographic access should be **prioritized** as follows:

   Paid subscriptions to electronic resources

   Paid for online versions of printed materials

   Free scholarly resources

3) Level of cataloguing:

   Titles will be catalogued according to current guidelines established by L.C., CONSER, AACR2 and MARC Formats standards.

   3A) Full record versus brief:

   In general, full level records are recommended for copy and original cataloguing. Brief records or title added entries are recommended for cataloguing titles in a large package of databases. Subject access is recommended, not classification.

3B) Collection vs. individual titles:

Aggregate resources can be catalogued in several ways. They may be catalogued as a collective title with or without individual records. As a general policy, it is recommended that the following types of aggregate resources should be catalogued at the collection level with analytic records for individual titles:

Full text electronic journals and newspapers

Full text documents

Subject oriented web sites produced at McGill University

Databases of full text materials

3C) Serial vs. monograph:

In compliance with CONSER's module 31 *Remote Access Computer File Serials*, Internet publications that have successive parts with unique designations should be catalogued as serials. Continuously updated online databases lacking designations, even if their print or CD-ROM counterpart was serial, should be catalogued as loose-leaf monographs.

3D) Other Cataloguing and Indexing Schemes: Metadata

In light of the prevalence of the World Wide Web and the dilemma of providing adequate access to Web pages it is recommended that Technical Services "catalogue" web pages using Dublin Core metadata elements which is the emerging standard.

3E) Scholarly Web Resources and the OPAC Integration of Library Selected

The long term goal should be to integrate all scholarly web resources selected by Library staff into the OPAC.

4) Catalogue Hotlinking

With the current web gateway to muse and new OPAC's capacity to link directly to a website, the following are suggested:

Establish a set of well-defined implementation procedures which define the role of selectors, Library Technical Services (including Health Sciences Library) and the Library Systems Office.

In the case of licensed web-based resources, URLs (856 field) should link first to library generated template page which provides the user with the terms and conditions of use of the resources. (See Appendix VI.)

In other instances it may be desirable to link directly through the 856 field to the web-based resource.

5) Maintenance

This is an exceptionally dynamic environment which requires continuous surveillance and adjustment. Some of the areas that require "maintenance" are:

Creation and maintenance of "resource" templates.

IP addresses - McGill is constantly adding and deleting these.

URL changes - a method for managing URL changes is required. This could be an individual designated in the Library Systems Office, who would be responsible for monitoring changes, adjusting records both in the OPAC and on the Library website.

Creation and updating Web records.

Creation and updating Web-based resources through indexing, i.e., subject and title indexes.

6) Implementation

Important elements in implementation are :

It is necessary to create an implementation team of drawn from the following areas: Systems, Technical Services, Collections and Public Services.

Communication - Provide policies and guidelines for requesting, subscribing and providing access to electronic resources.

Determine the workflow involved in cataloguing, updating e- resources.

Determine the workflow in creating and maintaining Web access records.

Assign staff responsibilities for Web and OPAC cataloguing/access.

Ensure professional and support staff have adequate training to carry out these new procedures.

Maintain accurate statistics to measure Networked and Web-based resources usage. Such information will assist managers in making collections decisions.

PENNSYLVANIA STATE UNIVERSITY

The University Libraries at Penn State produced this volume to preserve the informational content of the original. In compliance with current copyright law, the University Libraries produced this replacement using digital technology and printed on paper that complies with the Permanent Paper Standard issued by the National Information Standards Organization (Z39.48-1984).

1999

# Electronic Resources: Cataloging Procedures

*Covered in this document are:*

1) Remote access electronic files[1], e.g.
   a) *Britannica online* available via the Brown Library Web;
   b) electronic journals available via the Brown Library Web;

2) Electronic files that are mounted and located at Brown, e.g.
   a) *Oxford English dictionary* available via the Brown Library Web to Brown IP addresses;
   b) databases available via the Electronic Reference Library client to Brown IP addresses;
   c) data files from the Social Sciences Data Center mounted on request at CIS

3) Products such as Ebsco Host or FirstSearch which are a mixture of indexing/abstracting services and document delivery systems;

4) Print publications with OCLC cataloging records that include URLs for related electronic documents.

**CATEGORY 1-3: Electronic resources**

**Bibliographic record**

- 245 Title of electronic version with GMD [computer file]
- 506 Restrictions on access note (when applicable)
  Text of note for Brown Universtiy Library reads:
  |aAccess limited to Brown University users; Brown IP address required|5RPB

  Use the statement: *Brown IP address required* only when applicable.
- 538 description and mode of access note
- 530 additional physical form available note
- 776 added title entry for additional physical form (indexed, displayed, and clickable in web version) for print title(s)

---

[1]Remote access (Computer files): the use of computer files via input/output devices connected electronically to a computer (Anglo-American cataloguing rules, 2nd ed., 1988, Appendix D, Glossary)

## Electronic Resources: Cataloging Procedures

- 856 Electronic access and location with URL in subfield u and note in subfield z: View online version; access limited to Brown University users
  Use the second part of the note only when applicable.

- Enter the Library of Congress classification number in the 956 field with first indicator set at 0; optionally include a Harris or Sudocs. classification number in field 956 as recommended by the librarian or curator responsible for these collections.

  Indicators
  First
  0 Item is in Library of Congress classification
  1 Item is in Harris classification
  6 Item is in Sudocs classification

  Second
  blank No information provided

  Subfield Codes
  |a Classification number

**Holdings**

a) We have only an electronic version of the resource

- Attach a checkin record with location code: es to a bibliographic record and appropriate holdings for serials; do not enter any call number

b) We have electronic and other versions of the resource and the intellectual content is the same (one to one relationship)

- Attach a checkin record with location code: es and no call number to a bibliographic record; attach a check-in record with call number and holdings to bibliographic record for the printed or other versions; for serials include holdings

- Change the bibliographic location to multi and add es001 location

c) We have electronic and other versions of the resource and the intellectural content is different

- Attach a checkin record with location code: es; do not enter any call number

# Electronic Resources: Cataloging Procedures

**CATEGORY 1-3: Other versions of Electronic resource (Print, microforms)**

**Bibliographic record**

- 530 additional physical form available note
- 776 additional physical form title entry (indexed, displayed, and clickable in web version) for electronic version.
- 856 electronic location and access: enter URL; enter note in subfield z: View [title of online version]; access limited to Brown University users
  Use the second part of the note only when applicable.

**Holdings**

- Attach items and/or checkins as appropriate with call numbers and holdings for print and microforms

When the electronic and other versions of the resource have the same intellectual content (one to one relationship):

- Attach a checkin record with location code: es and call number text to read: Internet accessible, to the bibliographic record for the print or microform; for serials include holdings
- Change the bibliographic location to multi and add es001 location

**CATEGORY 4: URLs received in OCLC cataloging records for print publications.**

Such a URL may be the address of a specific electronic version of a document, or a more general Internet site that may lead a user to various informational screens, including home pages of organizations such as government agencies.

Although the resources cited in the URLs will not be represented in Josiah by a separate cataloging record, we will leave the URL in the bibliographic record or add it to the bibliographic record if it is readily available in the print publication.

# Electronic Resources: Cataloging Procedures

**Electronic resource delivered as Web page(s) in HTML or graphics:**

```
245     |aTitle of electronic version|h[computer file]
538     |aSystem requirements: Internet access; Web browser
538     |aMode of access: World Wide Web via Internet
530     |aOnline version of [format]: Title of other version
506     |aAccess limited to Brown University users; Brown IP
        address required if applicable|5RPB
776 1   |tTitle of other (paper, etc.) version|xISSN|zISBN
856 40  |uhttp://url for electronic version described in
        record|zView online version; access limited to Brown
        University users
956     |aClass number
```

**Electronic resource accessed via SilverPlatter software**

```
245     |aTitle of electronic version:h[computer file]
530     |aOnline version of [format]: Title of other version
506     |aAccess limited to Brown University users (requires access
        to Brown University network, and hardware and software as
        specified in ERL documentation available at Library
        Reference desks and on Library Web)|5RPB
776 1   |tTitle of other (paper, etc.) version|xISSN|zISBN
956     |aClass number
```

**Electronic resource accessed via ELibrary**

```
245     |aTitle of electronic version:|h[computer file]
530     |aOnline version of [format]: Title of other version
506     |aAccess limited to Brown University users (requires access
        to Brown University network, and hardware and software as
        specified in ELibrary documentation available at Library
        Reference desks and on Library Web)|5RPB
776 1   |tTitle of other (paper, etc.) version|xISSN|zISBN
956     |aClass number
```

## APPENDIX I: Summary of MARC cataloging

### Electronic resource that is tape stored at CIS

245 |a*Title of electronic version:*|h[computer file]
256 |aComputer data
530 |aOnline version of *[format]: Title of other version*
506 |aAccess limited to Brown University users|5RPB
776 1 |t*Title of other (paper, etc.) version*|x*ISSN*|z*ISBN*
956 |a*Class number*
note looks like:
599 |cE-SOURCE|mcomputer tape available for use on Brown University mainframe at permanent slot no.: R00215. Consult Library Reference staff for access information.

[format] for examples above is as: paper publication, CDROM, etc.

### Record for other version (paper, etc.) of electronic resource delivered as Web page(s) in HTML or graphics:

245 |a*Title of version*
530 |aAlso available *[format]* as: *Title of other version*
776 1 |t*Title of other (paper, etc.) version*|x*ISSN*|z*ISBN*
856 41 |uhttp://*url for electronic version*|zView *title of electronic version;* access limited to Brown University users

### Record for other version (paper, etc.) of electronic resource accessed via SilverPlatter software

245 |a*Title of version*
530 |aAlso available *[format]* as: *Title of other version*
776 1 |t*Title of other (paper, etc.) version*|x*ISSN*|z*ISBN*

### Record for other version (paper, etc.) of electronic resource accessed via ELibrary

245 |a*Title of version*
530 |aAlso available *[format]* as: *Title of other version*
776 1 |t*Title of other (paper, etc.)version*|x*ISSN*|z*ISBN*

### Record for other version (paper, etc.) of electronic resource that is tape stored at CIS

245 |a*Title of version*
530 |aAlso available *[format]* as: *Title of other version*
776 1 |t*Title of other (paper, etc.) version*|x*ISSN*|z*ISBN*

## APPENDIX II: Sample MARC & Josiah records
## a) Brown owns only electronic version of resource

**Electronic version (MARC)**

```
245  00 Engineering information village|h[computer file]
246  13 Ei village
260     Hoboken, N.J. :|bEngineering Information,Inc.,|cc1995-
500     Title from title screen
506     Access limited to Brown University users; Brown IP
        address required|5RPB
520     An electronic clearinghouse for engineering information
        on the Internet. Provides hypertext links to technical
        information, news services, government information, and
        online databases including Ei Compendex*web
538     System requirements: Internet access; World Wide Web
        browser
538     Mode of access: World Wide Web via Internet
650   0 Engineering|xDatabases
650   0 Technology|xInformation services
710   2 Engineering Information, Inc
776   1 Engineering index
856  40 |uhttp://www.ei.org/village/hp.htm|zView online
        version; access limited to Brown University users
956   0 T1
995     /gsy
```

**Checkin record :**

```
C1131084              Last updated: 01-15-97 Created: 01-30-96 Revision: 4
01 LABEL TYPE: n   04 COPIES: 1       07 RLOC: r          10 SCODE4:
02 DESTIN: -       05 CLAIMON:   -  - 08 VENDOR: none     11 UPDCNT:
03 SCODE2: -       06 LOCATION: es    09 RETEN:           12 PCOUNT: 0
13 KEYED BY: AC
```

**Josiah character-based display for electronic version:**

```
TITLE       Engineering information village [computer file]
PUBLISHED   Hoboken, N.J. : Engineering Information, Inc.,
             c1995-
ECONNECT    http://www.ei.org/village/hp.htm View online
             version; access limited to Brown University users

  1  ONLINE RESOURCE
```

**Josiah Web display for electronic version of monograph:**

*Title* Engineering information village [computer file]
*Published* Hoboken, N.J. : Engineering Information, Inc., c1995-

**CLICK ON THE FOLLOWING TO**

View online version; access limited to Brown University users

ONLINE RESOURCE

## APPENDIX II: Sample MARC & Josiah records

### b) Brown owns electronic and other versions of the resource and the intellectual content is the same

**Paper version (MARC serial)**

```
01 LANG: eng        03 LOCATION: multi 05 BIB LEVEL: s     07 SUPPRESS:
02 SKIP: 0          04 CAT DA:02-06-95 06 FORMAT: s        08 COUNTRY: mdu
   245 00   Journal of democracy
   260      Washington, DC :|bNational Endowment for
            Democracy,|cc1990-
   299  00  Journal of democracy
   300      v. ;|c24 cm
   310      Quarterly
   362  0   Vol. 1, no. 1 (winter 1990)-
   500      Title from cover
   530      Also available online as: Journal of democracy
            (Online)
   776 1    |tJournal of democracy (Online)
   856 41   |uhttp://calliope.jhu.edu/journals/journal_of_
            democracy/|zView Journal of democracy (Online); access
            limited to Brown University users
   LOCATIONS  r0001,es001
```

**Summary of Attached Records**

```
CHECKIN 1 > LOCATION: rock; IDENTITY=Latest Issues in Periodicals Reading Rm.
CHECKIN 2 > LOCATION: es
ORDER   3 > LOCATION: rock; FUND: polfo; STATUS: d
ITEM    4 > COPY #: 1; LOCATION: rock; BARCODE=3 1236 01284 6526
ITEM    5 > COPY #: 1; LOCATION: rock; VOLUME=May 1966; BARCODE=3 1236 01284 6534
ITEM    6 > COPY #: 1; LOCATION: rock; VOLUME=7 (1996); BARCODE=3 1236 09001 6935
```

**Paper version (Josiah character-based version)**

```
    TITLE          Journal of democracy.
    PUBLISHED      Washington, DC : National Endowment for
                   Democracy, c1990-
    DESCRIPT'N     v. ; 24 cm.
    ECONNECT       http://calliope.jhu.edu/journals/journal_of_
                   democracy/ View: Journal of democracy (Online)
                   ; access limited to Brown University users

1 >  ROCK JF1051 .J68  Latest Issues in Periodicals Reading Rm.
     LIB. HAS: v.6- 1995-
     Latest received:  April 1997  8:2

2 >  ONLINE RESOURCE Internet accessible
     LIB. HAS: v.7- 1996-
```

## APPENDIX II: Sample MARC & Josiah records

### Paper version (Web-based version)

*Title* Journal of democracy

**CLICK ON THE FOLLOWING TO**

View Journal of democracy (Online); access limited to Brown University users

Latest Issues in Periodicals Reading Rm. ROCK JF1051 .J68
Latest Issue RECEIVED: 8:2 (Apr 1997)
LIB HAS: v.6- 1995-

ONLINE RESOURCE Internet accessible
LIB HAS: v.7- 1996-

| LOCATION | CALL # | STATUS |
|---|---|---|
| ROCK | JF1051 .J68 May 1966 | CHECKED OUT |

## APPENDIX II: Sample MARC & Josiah records

### Electronic version (MARC serial)

```
 01 LANG: eng        03 LOCATION: multi 05 BIB LEVEL: s     07 SUPPRESS: -
 02 SKIP: 0          04 CAT DA:03-14-97 06 FORMAT: s        08 COUNTRY: m
130 0    Journal of democracy (Online)
245 00   Journal of democracy|h[computer file]
260      Baltimore, MD :|bNational Endowment for Democracy
         :|bJohns Hopkins University Press,|c[1995-
299  00  Journal of democracy|h[computer file]
310      Quarterly
362  0   Vol. 7, no. 1 (Jan. 1996)-
500      Title from title screen
506      Access limited to Brown University users; Brown IP
         address required|5RPB
776  1   |tJournal of democracy
856  41  |uhttp://muse.jhu.edu/journals/
         journal%5Fof%5Fdemocracy/|zView:Journal of democracy
         (Online) ; access limited to Brown University users
956  0   JF1051
LOCATIONS   r0001,es001
```

**Summary of Attached Records**

```
CHECKIN 1 > LOCATION: es
CHECKIN 2 > LOCATION: rock; IDENTITY=Latest issues in Periodicals
            Reading Room
```

### Electronic version (Josiah character-based version)

```
UNIFORM TI  Journal of democracy (Online)
TITLE       Journal of democracy [computer file]
PUBLISHED   Baltimore, MD : National Endowment for
            Democracy : Johns Hopkins University Press, [1995-
ECONNECT    http://muse.jhu.edu/journals/journal%5Fof%5F
            democracy/ View online version; access limited
            to Brown University users

1 >  ROCK JF1051 .J68  Latest issues in Periodicals Reading Room
     LIB. HAS: v.6- 1995-

2 >  ONLINE RESOURCE
     LIB. HAS: v.7- 1996-
```

### Electronic version (Web-based version)

*Uniform ti*  Journal of democracy (Online)
*Title*  Journal of democracy

**CLICK ON THE FOLLOWING TO**

View online version; access limited to Brown University users

ONLINE RESOURCE
LIB HAS: v.7- 1996-

Latest Issues in Periodicals Reading Room ROCK JF1051 .J68
LIB HAS: v.6- 1995-

| LOCATION | CALL # | STATUS |
|---|---|---|
| ROCK | JF1051 .J68 May 1966 | CHECKED OUT |

**APPENDIX II: Sample MARC & Josiah records**
**c) Brown owns electronic and other versions of the resource and the intellectual content is different**

**Paper version (MARC monograph)**

```
090     |f1-SIZE|aAE5|b.E363x 1991
245 04  The New Encyclopaedia Britannica
250     15th ed
260     Chicago :|bEncyclop dia Britannica,|cc1991
530     Print version of the online publication: Britannica
        online.
599    |cROCK REF|ev. 1-32;
650  0  Encyclopedias and dictionaries
710 20  Encyclopaedia Britannica, inc
776 1   |tBritannica online
856 40  |uhttp://www.eb.com:180/|zView Britannica online;
        access limited to Brown University users
```

**Item record:**

```
ITEM    04 > COPY #: 1; LOCATION: rref; VOLUME=v.4; BARCODE=3 1236 01320 3362
ITEM    05 > COPY #: 1; LOCATION: rref; VOLUME=v.5; BARCODE=3 1236 01320 3370
ITEM    06 > COPY #: 1; LOCATION: rref; VOLUME=v.6; BARCODE=3 1236 01320 3388
ITEM    07 > COPY #: 1; LOCATION: rref; VOLUME=v.7; BARCODE=3 1236 01320 3396
ITEM    08 > COPY #: 1; LOCATION: rref; VOLUME=v.8; BARCODE=3 1236 01320 3404
ITEM    09 > COPY #: 1; LOCATION: rref; VOLUME=v.9; BARCODE=3 1236 01320 3412
ITEM    10 > COPY #: 1; LOCATION: rref; VOLUME=v.10; BARCODE=3 1236 01320 3420
ITEM    11 > COPY #: 1; LOCATION: rref; VOLUME=v.11; BARCODE=3 1236 01320 3438
ITEM    12 > COPY #: 1; LOCATION: rref; VOLUME=v.12; BARCODE=3 1236 01320 3446
```

**Electronic version (MARC monograph)**

```
245 00  Britannica online|h[computer file]
506     Access limited to Brown University users; Brown IP
        address required.|5RPB
530     Online version of the print publications: New
        encyclop dia Britannica, Merriam-Webster's collegiate
        dictionary and Britannica book of the year.
538     System requirements: Internet access; Web browser.
538     Mode of access: World Wide Web via Internet.
650  0  Encyclopedias and dictionaries|xDatabases
650  0 English language|xDictionaries|xDatabases
776 1   New encyclopaedia Britannica
776 1   Merriam-Webster's collegiate dictionary.|g10th ed
776 1   Britannica book of the year
856 41  |uhttp://www.eb.com:180/|zView online version; access
        limited to Brown University users
956 0   AE5
995     AC
LOCATIONS  es001,r0001
```

**Checkin record :**

```
C1006630            Last updated: 01-15-97 Created: 01-30-96 Revision: 4
01 LABEL TYPE: n   04 COPIES: 1       07 RLOC: r          10 SCODE4:
02 DESTIN: -       05 CLAIMON:   -  - 08 VENDOR: none    11 UPDCNT:
03 SCODE2: -       06 LOCATION: es    09 RETEN:           12 PCOUNT: 0
13 KEYED BY: AC
```

## APPENDIX II: Sample MARC & Josiah records

**Josiah character-based display for electronic version:**

```
TITLE      Britannica online [computer file]
PUBLISHED  Chicago, IL : Britannica Online, c1994-
ECONNECT   http://www.eb.com:180 View online version;  Access
           limited to Brown University users

  1  ONLINE RESOURCE
```

**Josiah Web display for electronic version:**

*Title* Britannica online [computer file]
*Published* Chicago, IL : Britannica Online, c1994-

**CLICK ON THE FOLLOWING TO**

View online version: access limited to Brown University users

ONLINE RESOURCE

CUL Technical Services Manual, Digital Preservation Records/Create/Instruction Level

Table of Contents | Example Level

# Cataloging Digital Preservation Titles

- **Monographs and Multi-Volume Sets:**
  - Copy Holdings
  - MHLD for the Original
  - MHLD for Paper Reproduction
  - MHLD for the Digital Version
  - 856 and URL
- **Serials:**
  - Copy Holdings
  - MHLD for the Combined Original and Paper Reproduction
  - MHLD for the Digital Version
  - 856 and URL

**ORIGINAL and PRINT REPRODUCTION**

This procedure is intended for printed materials in roman script, when a Cornell record exists in RLIN, NOTIS, or on cards for original book, score, etc.

1. Start with one of the following:
   - the existing NOTIS record for the original
   - a bibliographic record passed from RLIN to NOTIS
   - a new record keyed into NOTIS from the shelflist cards
2. For records copied in from RLIN, scrutinize fixed fields according to appropriate instructions for recon records.
   - The encoding level (E/L) should be "1" for originally input records
   - Retain the encoding level as it appears for a record found in NOTIS
3. For records copied in from RLIN, do normal editing of bibliographic record to recon standards. Unless information is incorrect or includes typographical errors, accept the descriptive portion of records already in NOTIS.
4. Search NOTIS authority file first, and then, if necessary, the RLIN authority file to verify that the headings are correct. Update headings (name, subject and series) if needed to conform to authority records.
5. Check the NOTIS indexes. If you make heading changes, also make sure that the NOTIS index is uniform. If the NOTIS file needs attention and it is short, fix it. If it is a long file, give the corrections to the authorities unit.
6. Add an appropriate 899:
   - 899::CXJSP
   - 899::NYDigit
   - 899::MOAProj

Do NOT add any punctuation at the end of 899 fields.

**Monographs/Copy Holdings:**

1. Cat stat should be "h"
2. For records copied in from RLIN, make one copy statement for the original, one for the paper reproduction, and another for the digital reproduction. When a record for the original already exists in NOTIS, add copy statements for the reproductions.
3. Put an "x" and your statistics code in the copy-level note if you copied the record in or if you keyed in a new record. If you're using a record already in NOTIS (with a cataloged copy statement already on it), put your statistics code in the title-level note and an "a" and your code in the copy-level note. Delete any codes already in the record if they were input in a previous month (see the $d date).
4. Use the same location and call number for the paper reproduction copy statement as for the original. Use the next incremental explicit copy number. For the paper reproduction, add the date of the original imprint (DT/1) and "a" to the end of the original call number. Examples

**Serials/Copy Holdings:**

1. Cat stat should be "h"
2. For records copied in from RLIN, make one copy statement for the original AND the paper reproduction (consider the paper reproduction a replacement copy of the volume), and a second for the digital reproduction. When a record for the original already exists in NOTIS, add a copy statement for the digital reproduction only.
3. Put an "x" and your statistics code in the copy-level note if you copied the record in or if you keyed in a new record. If you're using a record already in NOTIS (with a cataloged copy statement already on it), put your statistics code in the title-level note and an "a" and your code in the copy-level note. Delete any codes already in the record if they were input in a previous month (see the $d date).
4. The paper reproduction will use exactly the same call number and copy number for the paper reproduction as for the original, so they will file in one sequence by volume and/or date.

**Monographs/MHLD for the original**

Do not create an MHLD for the original work unless it is necessary to describe multiple volumes or issues, or if a note is required in an 852$z.

**Monographs/MHLD for the paper reproduction**

1. Create an MHLD for the reproduction's copy statement. Values that often need to change are:
   - RT:
     - x =single vol. monograph
     - v = multi vol. monograph
     - y = serial
   - R/STAT:
     - 2 = complete
     - 5 = incomplete
2. Add an 843 Reproduction note. For serial and multivol records a subfield "m" needs to be added

which contains our holdingsExamples
3. Create an 007 for the reproduction copy by typing 007t at the bottom of the mhld and pressing enter. Fill in the smd as "a"
4. Write the new call number inside the front cover of the hard copy reproduction
5. Barcode and create an item record for the hard copy reproduction
6. Produce cards if necessary
7. [CTS instruction] Send the original and the hard copy reproduction together to Physical Processing for eventual return to the collection from which the original came. The original hard copy item will be withdrawn through normal withdrawal procedures.

**Serials/MHLD for the combined original and paper reproduction**

1. Add an 843 Reproduction note, including a subfield "m" containing the holdings of specific volumes that are reproductions Examples
2. Check the issue level holdings (in 866/7/8 fields) for the original against the corresponding paper reproduction. If missing issues from the original holdings are present in the paper reproduction, update the 866/7/8 statements to reflect the additional issues held

## ADDING THE DIGITAL REPRODUCTION TO THE RECORD

**Monographs & Serials/MHLD for the digital version**

1. Add a copy statement for the digital reproduction, using the location "serv, remo" and copy status/class type code combination "1X" (for monographs) or 2X (for serials or multivols.)
2. Create an MHLD for the digital reproduction's copy statement MHLD Values
3. Add an 852$z note: Files for the images of individual pages are encoded in Aldus/Microsoft TIFF Version 5.0 using facsimile-compatible CCITT Group 4 compression.
4. Add an 843 Reproduction note using the number of files noted on the printout: Computer file.$bIthaca, NY :$cCornell University Library,$d199[X].$e[xxx] image files. For serial and multivol records a subfield "m" needs to be added which contains our holdings Examples
5. Create an 007 for the digital reproduction by typing 007c at the bottom of the MHLD and pressing ENTER. Fill in the values as follows:

    - SMD = r
    - O/R = ? (leave as is)
    - COLOR = a
    - DIM = n
    - SOUND = [blank]

6. Add 866/7/8 fields for the holdings (reflecting the bibliographic volumes available as computer files) if the item is a multivol. or serial.

**Monograph & Serial/Adding the 856 and URL**

1. Add an 856 field to the BIB record, using a first indicator "4" and a second indicator of "0" [zero]. Additional information on the 856
2. Add a $u to the 856, using copy/paste from your browser to eliminate the possibility of keying

error.

3. Do NOT add a $3 duplicating the holdings information in the NOTIS MHLD record.

856 Example

Full-record examples

Table of Contents | Example Level

*Rev. 6 18 94 lms*
*rev. 5 3 99 dih*

**Guidelines for the Use of 856 Fields in LUIS**
**Draft Revision**
**December 17, 1998**

Internet resources have become a significant part of the Libraries' effort to address the information needs of our institution. It is important to have a consistent policy for including these materials in the library catalog.

Links In Records For Resources Owned By UF Only In Electronic Format

While suggestions from all are invited, it is the responsibility of the Collection Managers to request that specific Internet resources be added to the LUIS database by the appropriate cataloging unit so that they may be accessed via WEBLUIS. These requests should then be sent to the appropriate staff in Resource Services from an identified Collection Manager or Selector. (This could be a handwritten note on a printout of the 1st screen or an e-mail message).

Internet resources identified by Collection Managers for cataloging which do not already have existing OCLC MARC records will receive original cataloging by the Resource Services Dept. If cataloging must be delayed, a brief provisional record including a functional 956 linking field will be input.

An exception to this workflow will be the significant number of federal documents issued only electronically for which records will be added as part of the Federal Depository Library Program.

Links In Records For Materials Owned By UF In Both Electronic and Other Formats

Internet resources which correspond substantially to print or other format materials which have or will have bibliographic records in LUIS will be added to those records. No new record shall be created in LUIS for the Internet version, although one may in some cases be contributed to OCLC for the benefit of other libraries. Links to electronic versions unavailable to UF patrons should not be added, and should be deleted when found in copy cataloging.

Only 856 links which point to significant, related content (for example: indexes, summaries, tables of contents, or full versions, etc.) may be retained or added to the bibliographic record by the cataloger. Other Internet materials may be referred to the appropriate Collection Manager for selection.

Sites which contain only advertising materials, publisher's catalogs, ordering information, or other unrelated matter should not be linked via 856 field, but may if desired be entered in a 270 Primary address field (with delimiter I Internet: delimiter m e-mail address and/or URL), or in an order record as part of the supplier's address. An example of when this could be useful is for serial or loose-leaf resources to facilitate post-cataloging inquiries regarding later volumes or updates.

Resource Services will verify accuracy of URLs using automated procedures. In the case of nested links, choice of URL for the link should be based on specificity and stability (inclusion of a URL in a related print item may be an indication of stability).

When in doubt, catalogers should forgo the link or query appropriate Collection Manager. Unnecessary sites will be deleted upon request.

Format (See examples attached.)

The following fields will be included on bibliographic records for print resources with associated Internet links:

006 TYP m T/AUD DF/TYP GOVT (additional format for computer file aspect)

856 - Electronic location and access field.

1st Indicator - Access method, 4 if http
2nd Indicator - Relationship,

•# - No information provided; •0 - Resource; •1 - Version of resource; •2 - Related resource; •3 - No display constant generated.

|u -- the URL (Universal Resource Locator) of the net resource (or the PURL).

|3 - material specified (i.e.: Table of contents, abstracts, etc.) This field specifies the part of the bibliographic item to which the field applies and while it is "required if applicable" in OCLC, it helps avoid confusion for the user.

|z Public note (optional, for other brief useful notes to display with link)

530 Format Note. (i.e.: Also available on the Internet, Index available on the World Wide Web, etc.) An optional field for electronic versions of print resources which may expand on the 856 |3 or acknowledge the Internet sponsor, give necessary software such as Adobe Acrobat, or clarify how the electronic version may vary from the print.

For Internet versions of more significant resources on non-computer file records it is necessary to include an 006 computer file field in order to enable limiting by computer file format in searching (adding this field may be done by placing the cursor below the last line of the bibl screen, typing "006 m", then enter). This should be omitted for minor resources such as tables of contents.

For Internet electronic resources not associated with a locally owned print version, cataloging will be done using the most appropriate format for the content of the resource and include description and tagging for computer file cataloging, including the 856 field as described above. (LC guidelines are available at: http://lcweb.loc.gov/marc/856guide.html on the web.)

Holdings Screen

A "location" (copy line on the holdings screen) of elec or elec,jour or docs,elec should be entered when the linked site offers a full version of the work. (If due to unavailability of the print version for comparison the cataloger cannot tell if the web version exactly duplicates the print, a substantially complete version will be treated as complete and designated as "Internet version" or some similar term in the material specified field.) The class type will be entered as X with no classification number, class type L with class number and the cutter " INTERNET" or class type S and a SuDoc number

No location statement will be entered for sites not offering either the substantially complete resource or significant or current serial holdings.

Volume Holdings

Volume holdings should be entered in the case of sites such as JSTOR where the available content is a matter of contract with the libraries and not subject to being changed without warning. Include the 856 field in the volume holdings record for journals when needed to enable patrons using hook-to-holdings to link to the resource more easily.

Maintenance

The Resource Services Dept. obtained an automatic link checking system which works on the list of URLs generated weekly by FCLA. This will be used to identify bad URLs so that they can be corrected or deleted by the appropriate cataloging agency.

Conclusion

This is the first revision of these guidelines, and we recommend period review in the future as changes occur in the catalog system or other circumstance.

Respectfully submitted to Martha Hruska, Associate Director for Technical Services, by the 856 Working Group: MaryGay Anderson, Robert Brown, Daniel Cromwell, Trish Neal, and Jimmie Lundgren (Facilitator), January 7, 1998. Revised version to be submitted by the URL Maintenance Task Group: Cecilia Botero, Daniel Cromwell, Lawan Orser, MaryGay Anderson, Priscilla Williams, and Jimmie Lundgren (Facilitator).

---

Example 1:
(Monographic resource owned locally in print with link to Internet version)

006 TYP m T/AUD DF/TYP GOVT
090/1: : |a HC241.2 |b .C627a 96/721 final
245:00: |a Green paper on vertical restraints in EC competition policy / |c presented by the Commission .
260: : |a Luxembourg : |b Office for Official Publications of the European Communities, |c 1997.
300/1: : |a 82 p.
530/4: : |a Available in multiple languages via Internet from the Europa website.
856/1:4 : |3 Internet version |u http://europa.eu.int/en/record/green/gp9701/vertical.htm

UF BOOKS OCLC 36910308 ISBN 9278150770
Green paper on vertical restraints in EC competition policy / presented by the Commission . -- Luxembourg : Office for Official Publications of the European Communities, 1997.
(COM (96) 721 final)
STATUS h DT 05/14/97 AD none
NOTES
001 1L CN |a docs,ec |b HC241.2 |c .C627a 96/721 FINAL |d 05/14/97
NOTES
ITEM RECORDS 1
002 1X CN |a elec |d 05/21/97
NOTES

Title: Green paper on vertical restraints in EC competition policy / presented by the Commission .
Published: Luxembourg : Office for Official Publications of the European

Communities, 1997.
Description: 82 p.
Notes:
Available in multiple languages via Internet from the Europa website.

---LINKS---
Internet version
http://europa.eu.int/en/record/green/gp9701/vertical.htm

---

| LOCATION: | CALL NUMBER: | STATUS: |
|---|---|---|
| LIBRARY WEST | HC241.2 | Not checked out |
| Documents (ec) | .C627a 96/721 FINAL | |
| See LINKS to connect | | Circ. info not available |

Example 2:
(Resource received only via Internet)

086:0 : |a TD 2.2:97029242
245:00: |a Highway Trust Fund, primer |h computer file.
260: : |a
538/1: : |a Mode of access: Internet from the FHWA web site.
856:4 : |3 full text |u http://www.fhwa.dot.gov/aap/primer2.htm

UD DATA FILES OCLC 37541915
Highway Trust Fund, primer computer file. --
STATUS h DT 08/31/97 AD none
NOTES
001 1S CN |a docs,elec |b TD 2.2:97029242 |d 08/31/97
NOTES

ALN9717 UD

Title: Highway Trust Fund, primer
Published:
Technical note: Mode of access: Internet from the FHWA web site.
GPO Item: 0982-G-05 (online)

---LINKS---
Full text
http://www.fhwa.dot.gov/aap/primer2.htm

---

| LOCATION: | CALL NUMBER: | STATUS: |
|---|---|---|
| See LINKS to connect | TD 2.2:97029242 | Circ. info not available |

Example 3:
(Serial owned in print and with access to full-text of electronic version)

LTUF MORE ABQ0876
006 TYP m T/AUD DF/TYP GOVT

```
050/1:0 : |a E171 |b .A57
245:04: |a The American historical review.
260:01: |a  |b American Historical Association
300/1:  : |a v. |b maps. |c 27 cm.
362/1:0 : |a v. 1-  Oct. 1895-
856/1:40:  |u http://www.jstor.org/journals/00028762.html

NOTIS COPY HOLDINGS      I01L
The American historical review. v. 1-  Oct. 1895- --
 American Historical Association  American Historical Association, 400 A
 St., S.E., Washington, DC 20003
 STATUS h DT 01/11/82 AD none
001 2D CN |a main,per |b 973.05 |c A512                    |d 03/30/83
003 2L CN |a elec,jour |b E171  |c See LINKS                |d 01/17/97
    NOTES
    MHLD

NOTIS MARC HOLDINGS      I01L
 UF SERIALS OCLC 01830326 LC    05018244 //r43 ISSN 0002-8762
 S/STAT c FREQ q S/T p
The American historical review. v. 1-  Oct. 1895- --
 American Historical Association  American Historical Association, 400 A
 St., S.E., Washington, DC 20003
 =>003  STATUS: 2L  LOCN: elec,jour      COPY:
CALL: |b E171  |c See LINKS                                   ITEMS: 0

 899/1:  : |a v.1-94  1895-1989
 856/1:40: |u http://www.jstor.org/journals/00028762.html

Title:          The American historical review.
Published:      American Historical Association

 ---LINKS-
 Full text
 http://www.jstor.org/journals/00028762.html
 ------------------------------------------------------------------------
 LOCATION:              CALL NUMBER:          STATUS:
  LIBRARY WEST            973.05 A512          Enter HO    for holdings
    Periodicals
  See LINKS or HOLDINGS    E171  |b See LINKS      Enter HO    for holdings

Search Request: JS=HISTORY -PERIODICALS                  Holdings Detail
---------------------------- Location 2 ----------------------------------
LOCATION: See LINKS or HOLDINGS
STATUS: Circ. info not available

LIBRARY HAS:  v.1-94  1895-1989
---LINKS-
http://www.jstor.org/journals/00028762.html
```

Example 4:
(Print title with link to a table of contents)

```
LTUF MORE                                   ALN6148
050/1:00: |a PN4748.B6 |b S64 1997
```

100:1 : |a Smith, Anne-Marie, |d 1960-
245:12: |a A forced agreement : |b press acquiescence to censorship in Brazil / |c Anne-Marie Smith.

LTUF DONE ALN6148
NOTIS CATALOGING I01L

300/1: : |a vii, 231 p. |b ill.
856/1:4 : |3 Table of contents |u http://lcweb.loc.gov/catdir/toc/97-4624.html

LTUF DONE ALN6148
NOTIS COPY HOLDINGS I01L
Smith, Anne-Marie, 1960-
A forced agreement : press acquiescence to censorship in Brazil / Anne-Marie Smith. -- Pittsburgh, Pa. : University of Pittsburgh Press, 1997.
(Pitt Latin American series)
STATUS h DT 08/25/97 AD none
NOTES |a plm/core
001 1L CN |a lac |b PN4748.B6 |c S64 1997 |d 08/25/97
NOTES |a
ITEM RECORDS 1
ZN-001-001
LTUF MORE ALN6148

Search Request: K=HTTP Long View
Author: Smith, Anne-Marie, 1960-
Title: A forced agreement : press acquiescence to censorship in Brazil / Anne-Marie Smith.
Published: Pittsburgh, Pa. : University of Pittsburgh Press, 1997.

---LINKS---
Table of contents
http://lcweb.loc.gov/catdir/toc/97-4624.html

| LOCATION: | CALL NUMBER: | STATUS: |
|---|---|---|
| MARSTON, Lat. Am. Col. | PN4748.B6 S64 1997 | Not checked out |

---

Emerging Guidelines:

(AACR2) Cataloging Internet Resources: A Manual and Practical Guide
Cataloging Electronic Resources: OCLC-MARC Coding Guidelines
(CONSER) Module 31, Remote Access Computer File Serials
(LC) Guidelines For The Use of Field 856
(CPSO) Announcement of Draft Interim Guidelines for Cataloging Electronic Resources

Other Individual Universities Guidelines:

Cornell University
Northwestern University
Princeton University
University of California, San Diego
Memorial University of Newfoundland
University of South Florida

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Last revised: 12/9/98

CATALOGING POLICY AND SUPPORT OFFICE

# ANNOUNCEMENT OF DRAFT INTERIM GUIDELINES FOR CATALOGING ELECTRONIC RESOURCES

For some time it has been the intent of the Cataloging Policy and Support Office (CPSO) to develop conceptual guidelines for the cataloging of electronic resources. In late 1996, stimulated by increased activities in the area of digitization, CPSO invited a small group of Library of Congress staff members to develop interim guidelines for cataloging electronic resources. The initial draft of the guidelines are now available for comment. The guidelines have been reviewed within LC by representatives of the units most directly concerned with cataloging electronic manifestations, particularly by the staff members from LC's special format divisions, who have been involved for some time with materials that LC is digitizing from its own collections. Additional consultations were held with Copyright Office staff, and changes were made to some of the terminology that had originally been proposed to accommodate the copyright perspective.

The purpose of the *Draft Interim Guidelines* is to establish an interim set of guidelines to be used for cataloging electronic resources in the Library of Congress based on a common conceptual context and a common terminology. The intent of the guidelines is to apply to resources of divergent character produced under varying circumstances and managed by different entities, a set of conventions for bibliographic control that will enable generalized, standard practice to the extent judged practicable in a diverse, dynamic environment. The guidelines attempt to be more than just a "how to" manual. They also endeavor to engage the electronic world on a broader scale by providing the beginning of a conceptual framework for treating electronic resources. This framework is followed by the establishment and definition of concepts and terms appropriate to electronic resources in an attempt to ensure clear communication based on a common understanding. The guidelines then include:

1. policies on when to use multiple records and when to use a single record;
2. conventions developed especially for the single-record technique;
3. directions for indicating the existence of other physical formats;
4. directions related to electronic location;
5. directions relating to collocating records and linking them;
6. directions relating to identifying records related to specific projects.

The one obvious lacuna in the current document is the absence of guidelines relating to the treatment of Internet resources--particularly with respect to which ones should be represented in the catalog, under what circumstances, and in what detail. This is because the collection development guidelines for remotely accessed electronic resources are only now beginning to be formulated by staff designated for this purpose. Thus the issues related to cataloging these materials have not been fully confronted. The *Draft Guidelines* are structured and presented as a unit of the LC *Descriptive Cataloging Manual* , one of the official forms of documentation used to provide guidance to LC catalogers (the format may be unfamiliar to many outside of LC). Comments on the *Draft Guidelines* may be sent via electronic mail to: cpso@loc.gov

LINK TO TEXT OF *Draft Interim Guidelines*

---

*Go to:*


- Cataloging Policy and Support Office Home Page
- Cataloging Directorate Home Page
- Library of Congress Home Page

# 533 Reproduction Note (R)

## Input standards

**Required if applicable/Required if applicable**

**Indicators**

| | Undefined |
|---|---|

| **Subfield** | | **Input standard** |
|---|---|---|
| ‡a | Type of reproduction (NR) | Mandatory |
| ‡b | Place of reproduction (R) | Mandatory |
| ‡c | Agency responsible for reproduction (R) | Required if applicable |
| ‡d | Date of reproduction (NR) | Required if applicable |
| ‡e | Physical description of reproduction (NR) | Required if applicable |
| ‡f | Series statement of reproduction (R) | Required if applicable |
| ‡m | Dates of publication and/or sequential designation of issues reproduced (R) | Required if applicable |
| ‡n | Note about reproduction (R) | Optional |
| ‡3 | Materials specified (NR) | Optional |

## Definition

Notes that describe items that are reproductions of original materials. Base the bibliographic description on the original publication. Describe the reproduction in the note.

See section 3.2, "Reproductions and Original Microform Publications," for more information. See the *Cataloging Service Bulletin* for more information about cataloging reproductions.

**Map photocopies.** Do **not** use field 533 for map photocopies. Map photocopies are excepted from the reproduction practices of other formats because the nature of most map photocopies makes it impossible to catalog the original map. The Library of Congress Geography and Map Division catalogs photocopies not containing any direct evidence of republication as originals. You should follow LC practice by treating such maps as separate works in their own right, and describing them directly from the item in hand in accordance with general rules for cartographic materials.

## Indicators

Blank.

## ‡a Type of reproduction

The introductory phrase which identifies the type of reproduction being described. The introductory phrase ends with a period.

## ‡b Place of reproduction

The place the reproduction was made. When more than one place is given, subfield ‡b is repeated.

## ‡c Agency responsible for reproduction

The agency responsible for the reproduction. If more than one agency is simultaneously responsible for the same reproduction, subfield ‡c is repeated.

## ‡d Date of reproduction

The date when the reproduction was made.

## ‡e Physical description of reproduction

The number of physical pieces and the dimensions of the reproduction. Enter the polarity, when negative, as other physical details following the number of pieces and preceding the dimensions.

For serials, enter the number of microfilm reels, microfiches, etc., only when the microform set is complete.

```
533     Photocopy. ‡b Seattle, Wash. :  ‡c University of Washington,
        ‡d 1979. ‡e 28 cm.

533     Microfilm. ‡b Washington : ‡c Library of Congress, ‡d 1981.
        ‡e 1 microfilm reel : negative ; 35 mm.

533     Sound tape reel. ‡b College Park, Md. : ‡c International Piano
        Archives at Maryland, ‡d 1989. ‡e 1 sound tape reel : analog, 15 ips, 2
        tracks, mono. ; 10 in., 1/4 in. tape.
```

## ‡f Series statement of reproduction

If present a series added entry may also be input in the appropriate 800-830 field.

```
533     Microfiche. ‡b Ann Arbor, Mich. : ‡c University Microfilms, ‡d  1981. ‡e
```

## ‡m Dates of publication and/or sequential designation of issues reproduced

The sequential designation and/or dates of publication of the original issues that have been reproduced.

```
533     Microfiche. ‡m 1961- ‡b Washington : ‡c U.S. G.P.O., ‡d 1990- ‡e
        microfiches : negative.

533     Microfilm. ‡m Vol. 1, no. 1 (Apr. 1983)-v. 1, no. 3 (June 1983). ‡b
        Berkeley, Calif. : ‡c University of California, Library Photographic
        Service, ‡d 1986. ‡e 1 microfilm reel ; 35 mm.
```

## ‡n Note about reproduction

A note pertaining to the reproduction. If more than one note is needed, repeat subfield ‡n.

```
533     Microfilm. ‡m Vol. 1, no. 1 (Jan. 1837)-v.20, no. 12 (Dec. 1856). ‡b
        Washington, D.C. : ‡c Library of Congress Photoduplication Service, ‡d
        1971. ‡e 3 microfilm reels; 35 mm. ‡n Issues for 1853-1856 on reel
        with: Journal of the American Temperance Union and the New York
        Prohibitionist, v.21, no. 7 (July 1857)-v. 24 (1860).
```

## ‡3 Materials specified

Distinguishes a subset of the described materials. Determine placement of according to use.

```
533     ‡3 Correspondence files ‡a Microfilm. ‡b Middleton, Conn., ‡c
        Wesleyan University Archives, ‡d 1973. ‡e 35 mm. negative.
```

*[non-AACR2]*

```
533     ‡3 German Foreign Ministry Archives, 1867-1920 ‡a Microfilm. ‡b
        Whaddon Hall, Buckinghamshire, England ‡c American Historical
        Association. ‡e 434 rolls ‡f (Seized enemy records series).
        [non-AACR2]
```

## Printing

Field 533 prints as a note. See "5xx Introduction" for more information.

Return to 5xx Fields Chapter Summary

Note: Record for the digitized collection only. Rare Books and Special Collections Division do not want posters catalogued in OPAC.

```
LTTS MORE                                                    BHJ5074
                                                  NOTIS CATALOGING          CAB8
TS FMT F RT k BL c T/C   DT 98/10/20 R/DT 98/12/15 STAT ff E/L 4 DCF a D/S D
SRC d PLACE quc LANG eng MOD   T/AUD   REPRO   D/CODE m DT/1 1998 DT/2 9999
T/MAT i TECH n GOVT   A/MAT      R/TIME nnn
006 TYP m T/AUD   DF/TYP c GOVT
007 GMD c SMD r O/R ? COLOR c DIM n SOUND

043:  : ‡a n-cn---
245:00: ‡a Canadian war poster collection ‡h [computer file] / ‡c Rare Books
and Special Collections Division, McGill University Libraries.
246/1:30: ‡a War poster collection
246/2:3 : ‡a War posters collection
246/3:3 : ‡a Canadian war posters collection
256:  : ‡a Computer image and text data.
260:  : ‡a [Montréal, Québec : ‡b Digital Library Project], McGill
University, ‡c c1998.
538/1:  : ‡a Mode of access: World Wide Web.
500/2:  : ‡a Title from title screen (viewed on Oct. 20th, 1998).
505/3:0 : ‡a World War I : recruiting, Victory Bonds, etc., Canada Food Board,
miscellaneous -- World War II : recruiting, Victory Bonds, etc., War effort and
production, appeals for discretion, men of valor, miscellaneous.

4-©          1 Sess-2    MVS2                    NETCI224          1/7

LTTS DONE                                                    BHJ5074
                                                  NOTIS CATALOGING          CAB8

520/4:  : ‡a Consists of scanned images of 150 war posters from World War I
and II, with a brief description of each, an artist index, and an essay on
Canadian war posters.
650/1: 0: ‡a World War, 1914-1918 ‡z Canada ‡x Posters
650/2: 0: ‡a World War, 1939-1945 ‡z Canada ‡x Posters
650/3: 0: ‡a War posters ‡z Canada ‡x History ‡y 20th century
710/1:2 : ‡a McGill University. ‡b Rare Books and Special Collections Division.
710/2:2 : ‡a McGill University. ‡b Digital Library Project
856/1:4 : ‡u http://imago.library.mcgill.ca/warposters/

4-©          1 Sess-2    MVS2                    NETCI224          1/7
```

Note: Collection level record for Pugsley maps; single record with link to website.

```
LTTS MORE                                                    BHG1084
                                                  NOTIS CATALOGING          CAB8
TS FMT P RT e BL c T/C   DT 98/04/30 R/DT 98/04/30 STAT ff E/L   DCF a D/S D
SRC d PLACE xx  LANG mul MOD   CM/TYP a D/CODE m DT/1 1556 DT/2 1857
PROJ ?? PMC ?? RELIEF ???? SP/FORM    GOVT   INDX 0 NTI 1
007 GMD a SMD j O/R o COLOR c MED a REPRO n P/DET z POL n
007 GMD c SMD r O/R ? COLOR c DIM n SOUND

 043:  : ‡a n-cn---
 245:04: ‡a The W.H. Pugsley collection of early Canadian maps ‡h [map] = ‡b La
collection W.H. Pugsley de cartes anciennes du Canada.
 246/1:31: ‡a Collection W.H. Pugsley de cartes anciennes du Canada
 246/2:30: ‡a Pugsley collection of early Canadian maps
 246/3:30: ‡a Collection Pugsley de cartes anciennes du Canada
 246/4:3 : ‡a William Norman Pugsley collection of early Canadian maps
 260:  : ‡c 1556-1857.
 300/1:  : ‡a 50 maps.
 500/1:  : ‡a Consists of 50 maps by various cartographers; early maps of
Canada and North America, especially of eastern Canada and New France.
 500/2:  : ‡a Most maps are hand coloured; sizes vary from 14 x 10 cm. to 60 x
95 cm.

4-©          1 Sess-2     MVS2                NETCI224          1/7

LTTS DONE                                                    BHG1084
                                                  NOTIS CATALOGING          CAB8

 530/3:  : ‡a Also available through the Web site of the Dept. of Rare Books
and Special Collections, Digital Library Project, under title: W.H. Pugsley
Collection of Early Maps of Canada.
 555/4:  : ‡a List of maps available through the Web site for the electronic
version of the collection:  http://imago.library.mcgill.ca/pugsley/maplist.htm;
original maps catalogued individually.
 590/5:  : ‡a Provenance: William Howard Pugsley.
 651/1: 0: ‡a Canada ‡x Maps ‡x Early works to 1800
 651/2: 0: ‡a North America ‡x Maps ‡x Early works to 1800
 651/3: 0: ‡a Canada, Eastern ‡x Maps ‡x Early works to 1800
 651/4: 0: ‡a New France ‡x Maps ‡x Early works to 1800
 700/1:1 : ‡a Pugsley, William Howard, ‡d 1912-1993, ‡e donor
 856/1:4 : ‡u http://imago.library.mcgill.ca/pugsley/pugsley.htm
```

54

Note: Individual map in Pugsley collection; single record with link to digitized image of this map.

```
LTTS MORE                                                    AFH3477
                                                  NOTIS CATALOGING          CAB8
TS FMT P RT e BL m T/C   DT 90/11/30 R/DT 98/08/20 STAT mm E/L   DCF a D/S D
SRC d PLACE enk LANG eng MOD   CM/TYP a D/CODE s DT/1 1670 DT/2
PROJ    PMC    RELIEF      SP/FORM 0  GOVT   INDX 0 NTI 0
007 GMD a SMD j O/R o COLOR c MED a REPRO n P/DET z POL n

034/1:1 : ‡a a ‡b 15769600 ‡d W0370000 ‡e W0500000 ‡f N0530000 ‡g N0400000
035/1:  : ‡a (CaOTUIC)15786637
043:  : ‡a n-cnm--
050/1: 4: ‡a G3410 1670 ‡b .S44
052/1:  : ‡a 3410
090/1:0 : ‡a G3410/1670 ‡b RBMR ‡c 1
100:1 : ‡a Seller, John, ‡d fl. 1658-1698.
245:12: ‡a A chart of the coast of America from Newfound Land to Cape Cod ‡h
[map] / ‡c by Jonh [sic] Seller, John Colson, William Fisher, James Atkinson
and John Thornton.
255/1:  : ‡a Scale [ca. 1:15 769 600] ‡c (W 73°--W 50°/N 53°--N 40°). --
260:  : ‡a [London : ‡b s.n., ‡c ca. 1670?]
300/1:  : ‡a 1 map : ‡b hand col. ; ‡c 42 x 54 cm.
500/1:  : ‡a Bar scale in English and French leagues.
500/2:  : ‡a From his: Atlas Maritimus.

4-©              1 Sess-2    MVS2                    NETCI224          1/7

LTTS DONE                                                    AFH3477
                                                  NOTIS CATALOGING          CAB8

510/3:4 : ‡a Phillips ‡c 4150, map [23].
530/4:  : ‡a Also available through the Web site of the Dept. of Rare Books
and Special Collections, Digital Library Project, under title: W.H. Pugsley
Collection of Early Maps of Canada.
590/5:  : ‡a Donated by William H. Pugsley.
590/6:  : ‡a Pugsley map number 44.
651/1: 0: ‡a Atlantic Provinces ‡x Maps ‡x Early works to 1800
700/1:1 : ‡a Colson, John
700/2:1 : ‡a Fisher, William.
700/3:1 : ‡a Atkinson, J. ‡q (James)
700/4:1 : ‡a Thornton, John, ‡d fl. 1652-1701
700/5:1 : ‡a Pugsley, William Howard, ‡d 1912-1993, ‡e donor.
730/6:0 : ‡a W.H. Pugsley collection of early Canadian maps
856/1:4 : ‡u http://imago.library.mcgill.ca/pugsley/images/pugs13x.jpg
```

55

```
4-©              1 Sess-2    MVS2                    NETCI224          1/7
```

Note: Separate record for digitized collection because it has features and additional content that are not part of the manuscript collection.

```
LTTS MORE                                                    BHG2984
                                                  NOTIS CATALOGING          CAB8

TS FMT B RT a BL m T/C   DT 98/05/20 R/DT 98/12/15 STAT ff E/L 4 DCF a D/S D
SRC d PLACE quc LANG eng MOD   T/AUD   REPRO   D/CODE m DT/1 1997 DT/2 9999
CONT bi   ILLUS c    GOVT   BIOG a FEST 0 CONF 0 FICT 0 INDX 0
006 TYP m T/AUD   DF/TYP d GOVT
007 GMD c SMD r O/R ? COLOR c DIM n SOUND

 043:  : ‡a n-cn---
 245:00: ‡a Hugh MacLennan online project ‡h [computer file] / ‡c project
editor, David McKnight.
 246/1:3 : ‡a Hugh MacLennan papers digital project
 256:  : ‡a Computer text data.
 260:  : ‡a [Montréal, Québec] : ‡b Digital Library Project, Dept. of Rare
Books and Special Collections, McGill Libraries, ‡c 1997-
 520/1:  : ‡a Consists of an inventory list and correspondence index of the
Hugh MacLennan papers held by the Dept. of Rare Books and Special Collections,
McGill Libraries; includes chronology of MacLennan's life and bibliography:
Selected bibliography of Hugh MacLennan, 1978-1997.
 520/2:  : ‡a Index entries for McLennan's Oxford letters are linked to scanned
images of the letters.
 538/3:  : ‡a Mode of access: World Wide Web.

4-©              1 Sess-2    MVS2                NETCI224          16/27

LTTS DONE                                                    BHG2984
                                                  NOTIS CATALOGING          CAB8

 500/4:  : ‡a Title from title screen (viewed on May 19th, 1998).
 600/1:10: ‡a MacLennan, Hugh, ‡d 1907- .
 600/2:10: ‡a MacLennan, Hugh, ‡d 1907- . ‡t Hugh MacLennan papers
 600/3:10: ‡a MacLennan, Hugh, ‡d 1907- ‡x Bibliography
 600/4:10: ‡a MacLennan, Hugh, ‡d 1907- ‡x Correspondence ‡x Indexes
 650/5: 0: ‡a Authors, Canadian ‡y 20th century ‡x Correspondence ‡x Indexes
 700/1:1 : ‡a MacLennan, Hugh, ‡d 1907- . ‡t Hugh MacLennan papers
 700/2:1 : ‡a McKnight, David, ‡d 1952-
 710/3:2 : ‡a McGill University. ‡b Dept. of Rare Books and Special Collections.
 710/4:2 : ‡a McGill University. ‡b Digital Library Project
 856/1:4 : ‡u http://imago.library.mcgill.ca/maclennan/index.htm
 856/2:4 : ‡3 Bibliography ‡u
http://imago.library.mcgill.ca/maclennan/biblio.htm
```

56

4-©  1 Sess-2  MVS2  NETCI224  1/7

Note: Record made for manuscript collection. Manuscripts are not usually catalogued in OPAC at the request of the Rare Books and Special Collections Division. In this case, the record for the manuscript collection was made to link with the finding aid at the website for the digitized collection.

```
LTTS MORE                                                    BHG2983
                                                  NOTIS CATALOGING          CAB8
TS FMT B RT t BL m T/C a DT 98/05/20 R/DT 98/05/20 STAT ff E/L 4 DCF a D/S D
SRC d PLACE quc LANG eng MOD   T/AUD   REPRO   D/CODE m DT/1 1916 DT/2 1990
CONT      ILLUS      GOVT   BIOG a FEST 0 CONF 0 FICT 0 INDX 0

043:  : ‡a n-cn---
100:1 : ‡a MacLennan, Hugh, ‡d 1907-
245:10: ‡a Hugh MacLennan papers.
260:  : ‡c 1916-1990.
300/1:  : ‡a 5.7 m. of textual records and other materials.
520/1:  : ‡a Consists of correspondence, both personal and business, from 1916-
1990; includes a long series of correspondence from the early 1930s with his
future wife, Dorothy Duncan; also includes manuscripts and typescripts of
novels and other writings, drafts of Two solitudes and The watch that ends the
night, 2 unpublished novels: So all their praises (1933) and A man should
rejoice (ca. 1937), business papers including contracts and royalty statements,
photographs, and other memorabilia.

4-©          1 Sess-2    MVS2                    NETCI224          1/7

LTTS DONE                                                    BHG2983
                                                  NOTIS CATALOGING          CAB8

500/2:  : ‡a Canadian author, born in Glace Bay, Nova Scotia, in 1907;
attended Dalhousie, Oxford and Princeton Universities; taught at Lower Canada
College and McGill University (English Dept.). He published 7 novels, 3
collections of essays, and other works.  His 1st novel, Barometer rising, was
published in 1941. His 2nd novel, Two solitudes (1945), marked the beginning of
his recognition as one of Canada's important authors. He was married to Dorothy
Duncan from 1936 until her death in 1957; subsequently married Frances Aline
Walker in 1959.  He died in 1990 at Montréal.
555/3:0 : ‡a Inventory list and correspondence index available through the
McGill Libraries Web site for the Hugh MacLennan online project.
600/1:10: ‡a MacLennan, Hugh, ‡d 1907-
600/2:10: ‡a MacLennan, Hugh, ‡d 1907- ‡x Correspondence
600/3:10: ‡a Duncan, Dorothy ‡x Correspondence
650/4: 0: ‡a Authors, Canadian ‡y 20th century ‡x Correspondence
730/1:0 : ‡a Hugh MacLennan online project
710/2:2 : ‡a McGill University. ‡b Dept. of Rare Books and Special Collections.
856/1:4 : ‡3 Inventory list and correspondence index ‡u
http://imago.library.mcgill.ca/maclennan/index.htm

4-©          1 Sess-2    MVS2                    NETCI224          1/7
```

Note: Examples of MARC catalog records for a variety of digital collections that use both the multiple versions and single record techniques.

Multiple version book record for **Making of America** displayed (D/S=D) to public:

```
UL FMT B RT a BL m T/C   DT 08/28/89 R/DT 10/26/98 STAT mm E/L 1 DCF   D/S D
 SRC   PLACE nyu LANG eng MOD   T/AUD   REPRO   D/CODE s DT/1 1866 DT/2
 CONT     ILLUS     GOVT   BIOG   FEST 0 CONF 0 FICT 0 INDX 0
 010:  : |a    28002628
 035/1:  : |a (CaOTULAS)176365133
 035/2:  : |a (SAZTEC)001702230
 035/3:  : |a (MOA)moaAFW8590
 040:  : |c CarP |d MiU
 050/1:0 : |a AZ999 |b .B3 1866
 100:1 : |a Barnum, P. T. |q (Phineas Taylor), |d 1810-1891.
 245:14: |a The humbugs of the world. |b An account of humbugs, delusions,
impositions, quackeries, deceits and deceivers generally, in all ages. |c By P.T. Barnum.
 260:  : |a New York, |b Carleton, |c 1866.
 300/1:  : |a x, [11]-424 p. |c 19 cm.
 533/1:  : |a Digital Image. |b Ann Arbor, Mich.: |c Making of America, |d 1996. |e Computer data.
 538/2:  : |a System Requirements: PC with modem; World Wide Web browser.
 650/1: 0: |a Impostors and imposture.
856/1:7 : |u http://moa.umdl.umich.edu/cgi-bin/moa/sgml/moa-idx?notisid=AFW8590 |2 http
 998/1:  : |c UTL |s 9662

NOTIS COPY HOLDINGS      T150
Barnum, P. T. (Phineas Taylor), 1810-1891.
  The humbugs of the world. An account of humbugs, delusions, impositions, quackeries, deceits and deceivers generally, in all ages.
By P. T. Barnum.  --
New York, Carleton, 1866.
 001 1L CN |a grad |b AZ;999;.B26;1866                    |d 08/28/89
      ITEM RECORDS     1
 002 1X CN |a elec                                  |d 10/26/98
    NOTES |a Making of America I
```

Record with added 006 & 007 fields coded as computer file for **Making of America** suppressed (D/S=S) from public display:

UL FMT B RT a BL m T/C DT 10/26/98 R/DT 01/08/99 STAT mm E/L 1 DCF D/S S
SRC PLACE nyu LANG eng MOD T/AUD REPRO D/CODE s DT/1 1866 DT/2
CONT ILLUS GOVT BIOG FEST 0 CONF 0 FICT 0 INDX 0
**006 TYP m T/AUD DF/TYP d GOVT**
**007 GMD c SMD r O/R ? COLOR g DIM n SOUND ?**

035/1: : |a (MOAd)moaAFW8590
040: : |a MiU |c MiU
050/1:0 : |a AZ999 |b .B3 1866
100:1 : |a Barnum, P. T. |q (Phineas Taylor), |d 1810-1891.
245:14: |a The humbugs of the world. |h [computer file] |b An account of humbugs, delusions, impositions, quackeries, deceits and deceivers generally, in all ages. |c By P. T. Barnum.
260: : |a New York, |b Carleton, |c 1866.
300/1: : |a x, [11]-424 p. |c 19 cm.
533/1: : |a Digital Image. |b Ann Arbor, Mich.: |c Making of America, |d 1996. |e Computer data.
538/2: : |a System Requirements: PC with modem; World Wide Web browser.
530/3: : |a Disbound print volume available for use at the Buhr Reading Room.
650/1: 0: |a Impostors and imposture.
856/1:7 : |u http://moa.umdl.umich.edu/cgi-bin/moa/sgml/moa-idx?notisid=AFW8590 |2 http
998/1: : |c UTL |s 9662

NOTIS COPY HOLDINGS T150
Barnum, P. T. (Phineas Taylor), 1810-1891.
The humbugs of the world. <computer file> An account of humbugs, delusions, impositions, quackeries, deceits and deceivers generally, in all ages. By P. T. Barnum. -- New York, Carleton, 1866.
001 1X CN |a elec |d 10/26/98
NOTES |a Making of America I

UNIVERSITY OF MICHIGAN

**A Making of America serial record:**

LTUL MORE ACG1336

NOTIS CATALOGING T061

UL FMT S RT a BL s T/C DT 07/18/88 R/DT 10/13/98 STAT mm E/L 1 DCF D/S D
SRC d PLACE lau LANG eng MOD OA REPRO D/CODE d DT/1 1846 DT/2 1880
CONT S/T p FREQ m REG r MED GOVT ISDS CONF 0 SLE 1

035/1: : |a (RLIN)MIUG82-S544
035/2: : |a (CaOTULAS)160459017
040: : |a MiU |c MiU |d MiU
245:00: |a Debow's review, |b Agricultural, commercial, industrial progress and resources.
246/1:04: |a De Bow's commercial review of the South & West |f Feb. 1847-June 1850
246/2:04: |a De Bow's review. |b Industrial resources, etc. |f July 1861-Aug. 1864
246/3:04: |a De Bow's New Orleans monthly review |f Apr. 1869-Oct. 1870
246/4:30: |a Debow's review
247/1:00: |a De Bow's review of the southern and western states. |b Devoted to commerce, agriculture, manufactures |f July 1850-Dec. 1852
247/2:00: |a De Bow's review and industrial resources, statistics, etc. |b Devoted to commerce, agriculture, manufactures |f Jan. 1853-July/Aug. 1864
247/3:00: |a De Bow's review, devoted to the restoration of the southern states |f Jan.1866-Dec. 1867
247/4:10: |a Commercial review of the South and West |f 1846-June 1850
260: : |a New Orleans [etc.] |b J. D. B. DeBow.
300/1: : |a 43 v. |b ill., plates, ports., maps. |c 24 cm.
362/1:0 : |a v. 1-34, Jan. 1846-July/Aug. 1864; after the war series, v. 1-8, Jan. 1866-Oct. 1870; new ser., v. 1, no. 1-4, Oct. 1879-June 1880.
515/1: : |a Beginning with v. 7 (July-Dec. 1849) new series are started at frequent intervals, and the numbering on the title-pages and captions is more or less irregular.
515/2: : |a Publication suspended Jan.-June 1849, inclusive; Sept. 1862-June 1864; Sept. 1864-Dec. 1865; Nov. 1870-Sept. 1879; Jan.-May 1880. Ceased publication June 1880?
500/3: : |a Editors: Jan.1846-Feb. 1867, J. D. B. De Bow. --Apr. 1867-Feb. 1868, R. G. Barnwell, E. Q. Bell. --Mar. 1868-Dec. 1879, W. M. Burwell.
580/4: : |a Electronic serial mode of access: World Wide Web via the University of Michigan Making of America homepage.
651/1: 0: |a Southern States |x Commerce |x Periodicals.
650/2: 0: |a Industries |z Southern States |x Periodicals.
651/3: 0: |a Southern States |x Economic conditions |x Periodicals.
700/1:1 : |a De Bow, James Dunwoody Brownson, |d 1820-1867, |e ed.
700/2:1 : |a Barnwell, R. G., |e ed.
700/3:1 : |a Bell, Edwin, Q., |e ed.
700/4:1 : |a Burwell, William M. |q (William MacCreary), |d 1809-1888, |e ed.
710/5:2 : |a Making of America (Project)
740/6:0 : |a Debow's review (Online)
785/1:04: |t Agricultural review |g Jan. 1884
856/1:41: |z Online version: |u http://www.umdl.umich.edu/moa/moa%5Fbrowse.html
998/1: : |c KK |s 9124

NOTIS COPY HOLDINGS T061

UL SERIALS S/STAT d FREQ m S/T p
Debow's review, Agricultural, commercial, industrial progress and resources. v. 1-34, Jan. 1846-July/Aug. 1864; after the war series, v. 1-8, Jan. 1866-Oct. 1870; new ser., v. 1, no. 1-4, Oct. 1879-June 1880. -- New Orleans <etc.> J. D. B. DeBow.
STATUS h DT 05/20/1987 AD none
NOTES
001 2L CN |a grad |b HF1 |c .D3 |d 07/18/88
NOTES
MHLD ITEM RECORDS 43
**002 2X CN |a elec |d 07/09/98**
**NOTES |a um=Electronic serial**

60

**Computer file record for American Verse record:**

NOTIS CATALOGING T061
UL FMT **D** RT m BL m T/C DT 07/24/95 R/DT 05/30/97 STAT nn E/L 7 DCF D/S D
SRC d PLACE miu LANG eng MOD ? T/AUD D/CODE s DT/1 1995 DT/2 ????
DF/TYP d GOVT ?

010: . |z 70-79027
035/1: : |a (HTI) BAC5663
035/2: : |a (HTI) HarpeAtlan
040: : |a MiU |c MiU
100:1 : |a Harper, Frances Ellen Watkins, |d 1825-1911
245:10: |a Atlanta offering |h [electronic text] : |b poems / |c by Frances E.W. Harper ; [electronic text compiled by Nancy Kushigian].
256: : |a Text file (ca. 70 kilobytes)
260: : |a Ann Arbor, Mich. : |b University of Michigan Humanities Text Initiative, |c [1995]
516/1: : |a Electronic text
538/2: : |a Mode of access: Accessible via world wide web at URL: http://www.hti.umich.edu:80/english/amverse/
500/3: : |a Title from TEI header.
506/4: : |a Not for redistribution without the permission of the University of Michigan Humanities Text Initiative.
567/5: : |a TEI-conformant SGML markup.
534/6: : |p Transcribed from: |a Harper, Francis Ellen Watkins, 1825-1911 |t Atlanta offerings : poems. |c Philadelphia, Pa. : [George S. Ferguson Co.], 1895.
700/1:1 : |a Kushigian, Nancy.
710/2:2 : |a University of Michigan Humanities Text Initiative.
730/3:0 : |a American verse project.
856/1:7 : |z Version in HTML: |u http://www.hti.umich.edu/bin/amv-idx.pl?type=header&id=HarpeAtlan
856/2:7 : |z Version in TEI conformant SGML: |u http://www.hti.umich.edu:80/english/amverse/texts/HarpeAtlan.sgm
856/3:7 : |z The American Verse Collection (with search across all texts) is available at: |u http://www.hti.umich.edu/english/amverse

NOTIS COPY HOLDINGS T061

Harper, Frances Ellen Watkins, 1825-1911
Atlanta offering <electronic text> : poems / by Frances E.W. Harper ; <electronic text compiled by Nancy Kushigian>. -- Ann Arbor, Mich. : University of Michigan Humanities Text Initiative, <1995>
STATUS h DT 07/24/1995 AD none
001 1T CN |a elec |b Not;Applicable |d 07/24/95

**Record with added 006 & 007 fields coded as computer file for Middle English Compendium**

LTUL MORE BAK5586
NOTIS CATALOGING T061
UL FMT B RT a BL m T/C DT 10/02/98 R/DT 11/09/98 STAT nn E/L DCF a D/S D
SRC d PLACE miu LANG enm MOD ? T/AUD ? REPRO ? D/CODE s DT/1 1997 DT/2 ????
CONT ???? ILLUS ???? GOVT ? BIOG ? FEST ? CONF ? FICT ? INDX ?
**006 TYP m T/AUD ? DF/TYP d GOVT ?**
**007 GMD c SMD r O/R ? COLOR ? DIM ? SOUND ?**

035/1: : |a (HTI) BAK5586
040: : |a MIU |c MIU
041:0 : |a enmlat
130:0 : |a Alphabetum narrationum (Online). |l English
245:10: |a Alphabet of tales |h [electronic text] : |b an English 15th century translation of the Alphabetum narrationum of Etienne de Besancon, from Additional MS. 25, 719 of the British Museum / |c by Etienne de Besançon ; [electronic text compiled by Jean Borger].
260: : |a [Ann Arbor, Mich. : |b University of Michigan Humanities Text Initiative, |c 1997]
534/1: : |p Transcribed from: |a Etienne, de Besançon, d.1294. |t Alphabet of tales : an English 15th century translation of the Alphabetum narrationum of Etienne de Besançon. |c London : Kegan Paul, Trench, Trübner, 1904, 1905.
538/2: : |a Mode of access: Remote access via World Wide Web.
500/3: : |a Formerly attributed to Etienne de Besançon but apparently the work was not composed until some years after his death in 1294; more probably by Arnoldus of Liège.
650/1: 0: |a English literature |y Middle English, 1100-1500.
700/1:0 : |a Etienne, |c de Besançon, |d d. 1294.
700/2:1 : |a Borger, Jean.
710/3:2 : |a University of Michigan Humanities Text Initiative.
700/4:0 : |a Arnoldus of Liège, |d 14th century.
856/1:40: |z Available via World Wide Web at: |u http://www.hti.umich.edu/bin/me-idx?type=HTML&rgn=TEI.2&byte=297537
856/2:42: |z The Corpus of Middle English Prose and Verse (with search across all texts) is available at: |u http://www.hti.umich.edu/english/mideng/

NOTIS COPY HOLDINGS T150

Alphabetum narrationum (Online). English
Alphabet of tales <electronic text> : an English 15th century translation of the Alphabetum narrationum of Etienne de Besancon, from Additional MS. 25, 719 of the British Museum / by Etienne de Besancon ; <electronic text compiled by Jean Borger>. -- <Ann Arbor, Mich. : University of Michigan Humanities Text Initiative, 1997>
STATUS h DT 10/02/1998 AD none
NOTES
001 1T CN |a elec |b Not;applicable |d 10/02/98

*AMICUS Search: Item Display*

Database : National Library Collections
MARC Display - AMICUS Number 16536032

---

16536032 No spec form of item
Computer file Monograph New record
Full ISBD (AACR2) Full level Saved
Remote
COPIES:
NL Stacks NLC Electronic Collection / Collection électronique dc la
BNC ACN: 14552160

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043          ‡an-cn---
055 01 a     ‡aZ6293
082 0  a     ‡a016.3534/63/0971 ‡221
245 10 vn n  ‡aIndex to federal royal commissions ‡h[computer file]
260          ‡a[Ottawa] : ‡bNational Library of Canada, ‡cc1996.
500          ‡aTitle from title screen.
500          ‡aIssued also in French under title: Indexe des
              commissions royales fédérales.
500          ‡aThis is a test record.
520          ‡aProvides author and keyword access to materials
              associated with more than 150 Federal Royal Commissions
              that have taken place since Confederation.
538          ‡aMode of access: National Library of Canada WWW site.
650  0 a  e  ‡aGovernmental investigations ‡zCanada ‡xIndexes
650  0 a  e  ‡aGovernment publications ‡zCanada ‡xIndexes
650  6 a  f  ‡aEnquêtes publiques ‡zCanada ‡xIndex
650  6 a  f  ‡aPublications officielles ‡zCanada ‡xIndex
710 2  a  e  ‡aNational Library of Canada
775 0        ‡tIndexe des commissions royales fédérales. ‡d[Ottawa] :
              Bibliothèque nationale du Canada, c1996. ‡efre ‡fonc
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856 7        ‡uhttp://www.nlc-bnc.ca/ifrc/index_e.htm
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Bibliographic record # 2769930

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| 040 | | | ‡a IEN ‡c IEN |
| 043 | | | ‡a f-sa--- |
| 049 | | | ‡a nafr ‡b 960 POST S63 ‡m Normal |
| 245 | 1 | 0 | ‡a Your vote is your secret : ‡b nobody will know who you are voting for / ‡c issued by The Independent Electoral Commission, Voter Education Programme. |
| 260 | | | ‡a [Johannesburg, South Africa] : ‡b The Commission, ‡c [1994?] |
| 300 | | | ‡a 1 poster : ‡b b&w and blue ; ‡c 46 x 64 cm. |
| 530 | | | ‡a Also available as digitized image via the World Wide Web. |
| 520 | | | ‡a Poster includes a drawing of a little boy holding onto his mother's dress as she votes. Lower half of poster shows a blue ballot box. |
| 540 | | | ‡a The images on this web site, from posters in the collections of the Melville J. Herskovits Library of African Studies of Northwestern University, are provided for use by its students, faculty and staff, and by other researchers visiting this site, for research consultation and scholarly purposes only. Further distribution and/or any commercial use of the images from this site is not permitted. |
| 590 | | | ‡a Object no. S.63. |
| 650 | | 0 | ‡a Voting ‡z South Africa ‡x Posters. |
| 650 | | 0 | ‡a Elections ‡z South Africa ‡x Posters. |
| 650 | | 0 | ‡a Political posters, South African. |
| 653 | | | ‡a South African elections of 1994. |
| 710 | 1 | 0 | ‡a South Africa. ‡b Independent Electoral Commission. |
| 856 | 7 | | ‡u http://www.library.nwu.edu/africana/collections/posters/img/af0013-64.jpg ‡z Screen-size image (JPEG compressed) ‡2 http. |
| 856 | 7 | | ‡u http://www.library.nwu.edu/africana/collections/posters ‡z Posters from the Melville J. Herskovits Library of African Studies, Northwestern University ‡2 http. |
| 948 | | | ‡a o:rr (08/03/98) ‡b e ‡c 19980803 |

Bibliographic record # 2370677

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| 035 | | | ‡9 ALC1673NU |
| 040 | | | ‡a IEN ‡c IEN |
| 043 | | | ‡a n-us--- |
| 086 | 0 | | ‡a W3.46/1:T14/16 |
| 100 | 1 | | ‡a Stoops, Herbert Morton. |
| 245 | 1 | 0 | ‡a Careless talk-- got there first / ‡c [illustrated by] H.M. Stoops. |
| 260 | | | ‡a [Washington, D.C.] : ‡b U.S. G.P.O. : ‡b Distributed by O.W.I., ‡c 1944. |
| 300 | | | ‡a 1 poster : ‡b col. ; ‡c 70 x 50 cm. |
| 530 | | | ‡a Also available as digitized image via the World Wide Web. |
| 500 | | | ‡a "U.S. War Dept., Army Service Forces, Adjutant General's Dept."--Monthly catalog 1944, p. 1092. |
| 520 | | | ‡a GI paratrooper soldier is shot as parachutes land, with bombardment in background. |
| 540 | | | ‡a Materials published by the U.S. Government Printing Office are in the public domain and, as such, not subject to copyright restriction. However, the Library requests users to cite the URL and Northwestern University Library whenever they reproduce images from its poster database. |
| 590 | | | ‡a Object no. II.9. |
| 650 | | 0 | ‡a National security ‡z United States ‡x Posters. |
| 650 | | 0 | ‡a World War, 1939-1945 ‡x Social aspects ‡z United States ‡x Posters. |
| 650 | | 0 | ‡a War posters, American. |
| 653 | | | ‡a "Don't talk". |
| 710 | 1 | | ‡a United States. ‡b Adjutant-General's Office. |
| 710 | 1 | | ‡a United States. ‡b Office of War Information. |
| 856 | 7 | | ‡u http://www.library.nwu.edu/govpub/collections/wwii-posters/img/ww1647-81.jpg ‡z Screen-size image (JPEG compressed) ‡2 http |
| 856 | 7 | | ‡u http://www.library.nwu.edu/govpub/collections/wwii-posters ‡z Web site database of World War II posters ‡2 http |
| 948 | | | ‡a o:rr ‡b e ‡c 19971022 |

**On-line CAT (catalog) record display:**

The Civil war in song and story. 1860-1865
Moore, Frank, 1828-1904.
The Civil war in song and story. 1860-1865. / Collected and arranged by Frank Moore ... [New York], P. F. Collier, 1889.
560p. front.,plates,. 27cm.
Earlier editions (New York, 1866, 1867) issued under title: Anecdotes, poetry and incidents of the war.
**Reproduction (printout). University Park, Pa., The Pennsylvania State University, 1996. Stacks copy reproduced from computerized image files.**
1. United States -- History -- Civil war, 1861-1865 -- Anecdotes. 2. United States -- History -- Civil war, 1861-1865 -- Poetry.
Call#: E655.M83
Central Pattee Level 3 Yellow

**On-line CAT Maintenance record display:**

<969869> Form:mono retro
008 ENT: 780607 TYP: s DT1: 1889 DT2: LAN: eng
010 01017035
090 00 E655 $b.M83 $cst+(scanned)*25079043
100 10 Moore, Frank $d1828-1904
245 14 The Civil war in song and story. 1860-1865 $cCollected and arranged by Frank Moore ...
260 0 [New York] $bP. F. Collier $c1889
300 560p. $bfront.,plates, $c27cm.
500 Earlier editions (New York, 1866, 1867) issued under title: Anecdotes, poetry and incidents of the war
**533** Reproduction (printout) $bUniversity Park, Pa. $cThe Pennsylvania State University $d1996 $nStacks copy reproduced from computerized image files
651 0 United States $xHistory $yCivil war, 1861-1865 $xAnecdotes
651 0 United States $xHistory $yCivil war, 1861-1865 $xPoetry

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OCLC: 21743771 Rec stat: c Bib Rec No.: 4283468
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BLvl: c Form: MRec: Ctry: txu
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05 040 ¦a IXA ¦e appm ¦c IXA ¢
06 041 ¦a engspa ¢
07 043 ¦a n-us-tx ¦a n-mx--- ¢
08 045 2 ¦a x0x6 ¦b d1907 ¦b d1968 ¢
09 099 9 ¦a BARKER-PH RUNYON ¢
10 049 ¦a IXBU ¢
11 100 1 ¦a Runyon, Robert, ¦d 1881-1968 ¢
12 245 00 ¦a Runyon, Robert, photograph collection, ¦f 1907-1968. ¢
13 300 ¦3 photonegatives: ¦a 11,000 ¦b b&w, glass, nitrate, and safety base; ¦c panoramic, banquet, 8x10, and smaller. ¢
14 300 ¦3 photoprints: ¦a 2,400 ¦b b&w; ¦c panoramic, 11x16, and smaller. ¢
15 300 ¦3 postcards: ¦a 350 ¦b b&w and color; ¦c 3 1/2 x 5 1/2. ¢
16 300 ¦3 positive transparencies and lantern slides: ¦a 75 ¦b b&w; ¦c 5x7 and smaller. ¢
17 300 ¦a 1 ft. 5 in. ¦3 manuscript material. ¢
18 351 ¦a Photographs organized into eight series: 1. Mexican Revolution. 2. United States military forces. 3. Mexico. 4. Lower Rio Grande Valley. 5. Other United States views. 6. Botanical studies. 7. Portraits. 8. Copy photographs. ¦b Arranged according to format type and, where applicable, by size. ¢
19 351 ¦a Manuscript material organized into three series: 1. Gulf Coast News and Hotel Company. 2. Photography materials. 3. Financial records. ¦b arranged chronologically by material type or alphabetical category. ¢
20 506 ¦3 Original negatives ¦a restricted to viewing on microfiche or as digital positive images. ¢
21 520 ¦a Collection documents Northeastern Mexico and the Lower Rio Grande Valley of Texas during the 1910s and 1920s. ¦b Included are images of the Mexican Revolution, 1913-1915, depicting events in Matamoros, Ciudad Victoria, Monterrey, and surrounding areas; views of the concomitant U.S. military buildup at Fort Brown in Brownsville, Texas, and at other Valley sites; non-military views of the Valley including images of cities, agriculture, wildlife, plants, and other natural features; and an extensive group of studio portraits and group shots taken in Brownsville and

Matamoros in the late 1910s and 1920s. Manuscript materials document the business and technical aspects of Runyon's photography. ¢

22 524 ¦a Robert Runyon Photograph Collection, 1907-1968, Center for American History, University of Texas at Austin. ¢

23 530 ¦3 All nonpanoramic negatives and selected prints, postcards, and lantern slides ¦a available for viewing on microfiche. ¦3 8,241 items ¦a digitized (negatives converted to positive images) for viewing online. ¢

24 538 ¦a Compressed JPEG images accessible via World Wide Web. ¢

25 545 ¦a Robert Runyon (1881-1968) was born in Kentucky and migrated to Brownsville, Texas, in 1909. Throughout the 1910s and 1920s, he worked as a commercial photographer, photographing throughout the Lower Rio Grande Valley of Texas and Northeastern Mexico. In the late 1920s, he closed his photography studio to pursue other business interests. He served as Brownsville city manager from 1937 to 1940 and as mayor from 1941 to 1943. After leaving commercial photography, Runyon continued his study of Valley plant life, collaborating on two books about the flora of Texas. ¢

26 555 0 ¦a Published guide to microfiche: ¦c item level control. ¢

27 600 10 ¦a Runyon, Robert, ¦d 1881-1968 ¦x Archives. ¢

28 650 0 ¦a Photography, Commercial ¦z Texas. ¢

29 650 0 ¦a Photography ¦x Landscapes ¦z Mexico. ¢

30 650 0 ¦a Photography ¦x Landscapes ¦z Texas. ¢

31 650 0 ¦a Photography ¦x Portraits ¦z Texas. ¢

32 651 0 ¦a Brownsville (Tex.) ¢

33 651 0 ¦a Mexico ¢

34 651 0 ¦a Rio Grande Valley ¢

35 655 7 ¦a Aerial views. ¦2 ftamc ¢

36 655 7 ¦a Photonegatives. ¦2 ftamc ¢

37 655 7 ¦a Photoprints. ¦2 ftamc ¢

38 655 7 ¦a Postcards. ¦2 ftamc ¢

39 656 7 ¦a Photographers ¦z Texas. ¦2 lcsh ¢

40 851 ¦a University of Texas at Austin, General Libraries, ¦b Center for American History, ¦c SRH 2.109, Austin, Texas 78713-7330, ¦d USA.

41 856 7 ¦u http://runyon.lib.utexas.edu/ ¦2 http ¢

## Metadata Header for the HTML Document That Describes the Hugh MacLennan Online Project

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Images of MacLennan's Oxford correspondence are now online.">
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http://www.lib.umich.edu/registry/

UM LIBRARY GATEWAY UM GATEWAY

# University Library Digital Registry

The University of Michigan Digital Library is a collection of computer accessible scholarly resources in support of campus research and instructional programs. Resources included in the Digital Library collection are variously purchased, leased, locally created, or recommended as worthwhile sites hosted elsewhere but readily accessible to U-M users. As with library collections in other formats, selection of an individual resource is based upon a judgment of the scholarly quality, relevance, and organization of the content as well as the contribution its inclusion makes to the scope and balance of the collection as whole.

Each resource is abstracted, cataloged, and classified before being added to the Registry.
**To search or browse the Registry, make a selection below:**

Search OR Browse

---

**Suggest Additions to the Registry:** Digital Library Selectors dl-reg-selectors@umich.edu

**Send feedback to:** Registry Feedback reg-feedback@umich.edu

More about the University of Michigan Digital Library/Gateway Project

# SYSTEM PARAMETERS

**The Registry database uses:**

- **UNIX operating system**
- **SGML markup**
- **OpenText's PAT search engine**
- **Metadata elements simple enough for non-librarians, yet robust enough to support accurate retrieval:**
  - **Maximal metadata element descriptions**
  - **Minimal metadata element descriptions**
  - **MARC equivalents**
  - **SGML workform template**
  - **A completed workform**

# DLI Database Maximal Metadata Element Definitions

**URL:** Site Internet address

**Type:** Radio button selection to identify domain source & database classification

**Title:** Transcription of title from title screen (main page), or, failing that, the HTML source title (i.e. the title found in the HEAD section of a web document

**Other title:** Transcription of variant and/or other titles from title screen (main page).

**Abstract:** A brief (500 words maximum) summary of the subject matter, provided by the site registrar, including as many keywords as possible

**Edition:** Transcription of edition of the document in arabic numerals (e.g., 2nd edition)

**Subject Keywords:** Registrar-supplied uncontrolled vocabulary

**Subject Headings:** Cataloger-supplied controlled vocabulary

**Format:** One of nine NDLF format categories, chosen by the registrar. See Format Categories

**Gateway Classification Vocabulary:** One or more of the seventeen Gateway classification meta terms, cataloger-supplied. See Gateway Classification Category Definitions

**Classification:** Cataloger-supplied access point(s) chosen from LC Classification Schedules. See Library of Congress Classification System

**Language:** For non-English items

**File characteristics:** Brief, registrar-supplied description that characterizes the file (e.g., 'Minimal TEI tagging', 'HTML text and images in GIF format', 'Converted to TEI 2-conformant SGML')

**Availability:** Limitations on use
Affiliation:
User category:
Fee:

**Use constraints:** Copyright information

**Content provider:** Names of creator(s) of intellectual content, subdivided into Individual and Organizational categories

**Site contact:** Email address of individual(s) responsible for publication of the site (in most cases these individuals will be the same as the content providers)

**University Account Number:** For UM Gateway items only

**Dates of content coverage:** Self explanatory

**Expiration date:** Self explanatory

**Cataloger name:** Self explanatory

**Cataloger email address:** Self explanatory

**Registrar name:** Self explanatory

72 BEST COPY AVAILABLE

**Registrar email address:** Self explanatory

**Date of description:** System supplied

**Date of revision:** System supplied

---

Last modified: 5/20/97

*David L. Richtmyer*
*Tech. Services Electronic Resources Librarian (Monographs)*
*Harlan Hatcher Graduate Library*
*The University of Michigan*
*Ann Arbor, MI 48109-1205*
*dlrichtm@umich.edu*

# DLI Database Minimal Metadata Element Definitions

**Registrar name:** Self explanatory

**Registrar email address:** Self explanatory

**URL:** Self explanatory

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**Abstract:** A brief (500 words maximum) summary of the subject matter, provided by the site registrar, including as many keywords as possible

**Subject Keywords:** Uncontrolled vocabulary

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Last modified: 5/13/98

*David L. Richtmyer*
*Tech. Services Electronic Resources Librarian (Monographs)*
*Harlan Hatcher Graduate Library*
*The University of Michigan*
*Ann Arbor, MI 48109-1205*
*dlrichtm@umich.edu*

**Title:** = USMARC Field 245

**Other Title:** = USMARC Field 246

**Abstract:** = USMARC Field 520

**Edition:** = USMARC Field 250

**Subject Headings (Controlled & Uncontrolled Vocabulary) :** = USMARC Field 6XX

**Format:** = USMARC Field 582

**Classification:** = USMARC Field 090

**Language:** = USMARC Fields 041, 546

**File characteristics:** = USMARC Field 516

**Access constraints:** = USMARC Field 506
Affiliation:
User category:
Fee:

**Use constraints:** = USMARC Field 540

**Content provider:** = USMARC Field 1XX/7XX

**Site provider:** = USMARC Field 260

**UM/Non-UM:** = USMARC Field 500

**University Account Number:** = USMARC Field 500

**Dates of content coverage:** = USMARCFields 045, 500

**Expiration date:** = USMARC Field 500

**URL:** = USMARC Field 856

**Responsibility Statement:** = MIRLYN field 998 (locally defined)

**Date of description:** = System Supplied

**Date of revision:** = System Supplied

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Last modified: 2/6/97

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*Harlan Hatcher Graduate Library*
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*Ann Arbor, MI 48109-1205*
*dlrichtm@umich.edu*

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Last modified: 1/16/97

*David L. Richtmyer*
*Tech. Services Electronic Resources Librarian (Monographs)*
*Harlan Hatcher Graduate Library*
*The University of Michigan*
*Ann Arbor, MI 48109-1205*
*dlrichtm@umich.edu*

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Made available through Project Bartleby at Columbia University.</ABSTRACT>
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    <EMAIL>dlrichtm@umich.edu</EMAIL>
    </CATALOG>
    <SUBMIT>
    <NAME>Mark Sandler</NAME>
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Last modified: 5/20/97

***David L. Richtmyer***
***Tech. Services Electronic Resources Librarian (Monographs)***
***Harlan Hatcher Graduate Library***
***The University of Michigan***
***Ann Arbor, MI 48109-1205***
***dlrichtm@umich.edu***

**Cataloger's Working Form**

# Record Check/ Update Form

Check the URL and Title against the registry database to see if it is already registered. This information will be presented in your other window. Check the Registry
Look at the site in your other window: Familiar quotations : passages, phrases and proverbs traced to their sources / Bartlett
http://www.columbia.edu/acis/bartleby/bartlett/
Send mail to the submittor Mark Sandler sandler@umich.edu

---

General cataloging tools, available in a new window for quick reference:
**Field Definitions** and their **MARC Equivalents**
**MIRLYN** and abbreviated **LC Classification Schedules**
**CETH's Cataloging Internet Resources**

---

URL (req'd)
`http://www.columbia.edu/acis/bartleby/bartlett/`

Type:

- ○ U of M Gateway Records (not a part of the Library Collection
- ○ Digital Library Collection Records from within the University
- ○ Records for Both the UM Gateway and Library Collection
- ○ Digital Library Collection Records from beyond the University

Title (required)
For help with diacritics, see in a new window: ISO8859-1 Table Memory Aid
`Familiar quotations : passages, phrases and proverbs traced to their sources / Bartlett.`

Other Titles (zero or more on separate lines)
```
Bartlett's familiar quotations.
```

Abstract (req'd)
```
A collection of passages, phrases, and proverbs traced to their sources in
ancient and modern literature. Made available through Project Bartleby at
Columbia University.
```

Edition (optional)
`9th edition.`

Subject Keywords (one or more on separate lines)(optional)

Library of Congress Subject Controlled Vocabulary (one or more on separate lines)(req'd for library submissions)
```
Quotations, English.
```

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Lookup Gateway Classification Vocabulary definitions in a new window:
Gateway Class. Definitions.

**U of M Gateway Classification**

- Academic Divisions
- Administration
- Admissions
- Alumni and Friends
- Associations and Clubs
- Athletics
- Calendars
- Coursework
- Employment
- Financial Aid and Scholarships
- Health Services
- Information Technology
- Libraries and Museums
- Maps
- News and Information
- Research and Scholarship
- Support Services

Formats (one or more)(req'd)

- Reference
- Journals
- Newspapers
- Books and Electronic Texts
- Statistics and Data
- Spatial Data and Maps
- Special Collections and Exhibits
- Visual Images
- Multimedia

**MIRLYN** and abbreviated **LC Classification Schedules**
**CETH's Cataloging Internet Resources**

LC Classification (one or more on separate lines)(req'd)

```
PN;6081
```

Language (optional)

File Characteristics

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HTML text and images in GIF.
```

**Availability**

**Affiliation**

**User**

**Cost**

**Constraints (optional)**

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http://dns.hti.umich.edu/bin/registry/ca...ecordnumber=ID 855689713-141.211.190.136

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**Individual Providers (zero or more on separate lines)**

Bartlett, John, 1820-1905.

**Organizational Providers (zero or more on separate lines)**

Columbia University. Bartleby Library.
Project Bartleby.

**Site Contacts (one or more on separate lines)(req'd)**

publications@columbia.edu

**Account Number (optional)**

**Coverage Dates (optional)**

**Expiration Date (optional)**

**Original Submittor:**
**NAME: Mark Sandler EMAIL sandler@umich.edu**

**Catalog History**
**NAME: David L. Richtmyer EMAIL: dlrichtm@umich.edu**

**Additional Submittor/Library Selector**

**NAME:**

**EMAIL:**

**Responsibility for Data Check**

Name Checked by

Email

submit record | Reset

# University of Michigan
# Advanced Papyrological Information System (APIS)

**Search the UM-APIS Database**

**View the UM-APIS Editions On-line**

**Partner Institutions**

## Introduction

The APIS project constitutes the efforts of papyrologists at a number of American universities to integrate in a "virtual" library the holdings from their collections (and collections that might want to follow in the future) through digital imag es and detailed catalog records that will provide information pertaining to the external and the internal characteristics of each papyrus, corrections to previously published papyri, and republications.

Between 1991 and 1995, developments in digital image capturing and the growth of the Internet attracted the attention of papyrologists. The Michigan Papyrus Collection led the way in establishing the digitization project hoping that other universities would follow suit in making their collections available on the World Wide Web through digital images and catalog records.

Through a generous grant from the National Endowment for the Humanities, Duke University successfully completed an electronic archive of their papyrus collection. Work on the Duke papyrus collection was conducted from 1992-94 by a full-time specialist and a full-time cataloger who also scanned in images of the papyri. Color images and corresponding catalog records, in US-MARC AMC format, of almost the entire collection are now available for viewing and for research.

By 1993, it became clear that more collections would undertake projects similar to those underway at Michigan and Duke. The intervention of the American Society of Papyrologists came at a convenient time. With the initiative of its president (Professor Roger Bagnall, Columbia University), the Society created a technology committee to oversee and coordinate such projects, as well as to set methodology and standards for image capture and cataloging. This was the birth of the Advanced Papyrological Information System. Princeton University, the University of California at Berkeley, and Yale University had joined the original consortium of Columbia, Duke and Michigan by the end of 1994.

- **Technical Specs (including Database Template and DTD)**
- **The University of Michigan Papyrus Collection Home Page**
- **Links to Related Resources**

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University of Michigan

```
<!-- doctype definition for apis database v0.2

     nigelk@umich.edu, 1997-04-22

     APIS dtd, second take, based on what Traianos Gagos did as a
     layout for Umich Papyrology's FMPro database.  the organization
     of the previous version was apparently horribly wrong, data was
     put inside elements where it didn't logically belong from a
     descriptive standpoint.  this attempts to be true to the layout,
     which i'm assuming is organized as per the logical organization
     or clumping of elements. >

     this has a rather floppy structure: lots of things are optional,
     inside the text elements there is no other structure other than
     BR elements to imply listness.  this reflects what is and is not
     always in the fmpro database as produced by um papyrology.  if we
     decide to assume that things coming out of particular fmpro
     fields should be structure one way or another, we can certainly
     change things to reflect that here.

-->

<!-- ========== apis, idlib, iditem ========== -->

<!element apis  - -     (idlib?, entry*)>

<!element idlib - - (iditem+)>

<!element iditem - - (#PCDATA)>
<!attlist iditem     type    CDATA      #REQUIRED
                     id     ID          #REQUIRED >

<!-- ========== entry ========== -->

<!-- entries seem to be made up of five sections:

             Background and Physical Properties
             Contents
             Publications
             System and Image Metadata
             Cataloging

     each of which has subelements.

     entries as a whole all get an INV NO that is in theory unique,
     but right now we've just got cdata, as they are not really unique
     in the fmpro database.

-->

<!element entry  - -  (background, contents, publications, system, cataloging)>
<!attlist entry        invno   CDATA   #REQUIRED>

<!-- BR -->

<!-- this is a line break kludge to try to preserve what meager
structure there is from the fmpro database... -->

<!element BR - o EMPTY>

<!-- ===== background ===== -->
<!-- this contains all the information about where the item lives,
it's physical extent, and related notes about preservation,
conservation, negatives, and so forth. -->
```



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```
<!element background  - -  (sect.side?, publ.side?, library?, location?, conx?, material?,
<!attlist background       invno   CDATA   #IMPLIED>

<!element sect.side - - (#PCDATA) +(BR)>
<!element publ.side - - (#PCDATA) +(BR)>
<!element library - - (#PCDATA) +(BR)>
<!element location - - (#PCDATA) +(BR)>
<!element conx - - (#PCDATA) +(BR)>
<!element material - - (#PCDATA) +(BR)>
<!element items - - (#PCDATA) +(BR)>
<!element size - - (#PCDATA) +(BR)>
<!element lines - - (#PCDATA) +(BR)>
<!element mounted - - (#PCDATA) +(BR)>
<!element negative - - (#PCDATA) +(BR)>
<!element negative.cop - - (#PCDATA) +(BR)>
<!element conserv - - (#PCDATA) +(BR)>
<!element preserv.notes - - (#PCDATA) +(BR)>
<!element palaeogr - - (#PCDATA) +(BR)>
<!element status - - (#PCDATA) +(BR)>


<!-- ===== content ===== -->
<!-- regarding the intellectual content of the item -->

<!element contents  - -  (date?, origin?, provenance?, acqui?, lang?, genre?, au?, text.tit
<!attlist contents       invno   CDATA   #IMPLIED>

<!element date - - (#PCDATA) +(BR)>
<!element origin - - (#PCDATA) +(BR)>
<!element provenance - - (#PCDATA) +(BR)>
<!element acqui - - (#PCDATA) +(BR)>
<!element lang - - (#PCDATA) +(BR)>
<!element genre - - (#PCDATA) +(BR)>
<!element au - - (#PCDATA) +(BR)>
<!element text.title - - (#PCDATA) +(BR)>
<!element content - - (#PCDATA) +(BR)>
<!element subj.head - - (#PCDATA) +(BR)>
<!element persons - - (#PCDATA) +(BR)>
<!element geogr - - (#PCDATA) +(BR)>
<!element translation - - (#PCDATA) +(BR)>


<!-- ===== publications ===== -->

<!element publications  - -  (first.ed?, repro.ed?, elec.ed?, bibliography?, assignment?, n
<!attlist publications       invno   CDATA   #IMPLIED>

<!element first.ed - - (ser.vol?, ed?, year?, page?, photo?, sb?, corr?)>
<!element repro.ed - - (ser.vol?, ed?, year?, page?, photo?, sb?, corr?, fur.repro?, fur.co
<!element elec.ed - - (ed?, publdate?, rev.hist?)>
<!element assignment - - (assign?, assign.date?, research.status?)>

<!element bibliography - - (#PCDATA) +(BR)>
<!element notes - - (#PCDATA) +(BR)>

<!element ser.vol - - (#PCDATA) +(BR)>
<!element ed - - (#PCDATA) +(BR)>
<!element year - - (#PCDATA) +(BR)>
<!element page - - (#PCDATA) +(BR)>
<!element photo - - (#PCDATA) +(BR)>
<!element sb - - (#PCDATA) +(BR)>
<!element corr - - (#PCDATA) +(BR)>

<!element fur.repro - - (#PCDATA) +(BR)>
<!element fur.corr - - (#PCDATA) +(BR)>
```

```
<!element fur.sb - - (#PCDATA) +(BR)>
<!element publdate - - (#PCDATA) +(BR)>
<!element rev.hist - - (#PCDATA) +(BR)>

<!element assign - - (#PCDATA) +(BR)>
<!element assign.date - - (#PCDATA) +(BR)>
<!element research.status - - (#PCDATA) +(BR)>


<!-- ===== system ===== -->

<!element system  - -  (image.source?, image.arrange?, image.creation?, extent?, images?, a
<!attlist system       invno   CDATA   #IMPLIED>

<!element image.source - - (#PCDATA) +(BR)>
<!element image.arrange - - (#PCDATA) +(BR)>
<!element image.creation - - (#PCDATA) +(BR)>
<!element extent - - (#PCDATA) +(BR)>
<!element availsysreq - - (#PCDATA) +(BR)>
<!element scanmedium - - (#PCDATA) +(BR)>
<!element scantime - - (#PCDATA) +(BR)>
<!element scanner - - (#PCDATA) +(BR)>
<!element scandate - - (#PCDATA) +(BR)>
<!element institution - - (#PCDATA) +(BR)>

<!element images - - ( fsf?, fsb?, sixdpif?, sixdpib?)>
<!element fsf - - (table*)>
<!element fsb - - (table*)>
<!element sixdpif - - (table*)>
<!element sixdpib - - (table*)>
<!element table - - (tr*)>
<!element tr - - (td*)>
<!element td - - (#PCDATA) +(BR)>


<!-- ===== cataloging ===== -->

<!element cataloging  - -  (cataloger?, catalog.date?, check?)>
<!attlist cataloging       invno   CDATA   #IMPLIED>

<!element cataloger - - (#PCDATA) +(BR)>
<!element catalog.date - - (#PCDATA) +(BR)>
<!element check - - (#PCDATA) +(BR)>
```

## APIS

The APIS database can be searched with open text queries. Inventory numbers, names of editors, and keywords such as 'letter', 'contract' or 'astrology' are all valid. Abbreviated searchs (e.g. 'pap', 'ost', 'astr') tend to produce better results. You can specify between one and three words or phrases in the input boxes below, using the pull-downs to specify where in the entries the words or phrases should appear, and combine them with the boolean operators provided.

Search for entries including:

P.Mich.inv.2737 within Inventory Number And

within Anywhere And

within Anywhere

Search Clear

This database contains basic information about the approximately 3,100 papyri, ostraca, and other *published* writing materials that belong to the University of Michigan Papyrus Collection, as well as some information on Cornell papyri.

Each record corresponds to one papyrus or ostracon. *For basic records*, information is provided on the following:

1) inventory number,
2) established connections between Michigan papyri and papyri in other collections,
3) type of material (pap = papyrus, ost = ostracon, WT = wooden tablet, parch = parchment),
4) language,
5) complete information on first edition and all republications,
6) a complete concordance to the SB and the BL, and information about the existence of photos in the edition. (Note that the concordance to BL VIII and IX is currently not available.)

For Volume 3 of the Michigan Papyri, the database also contains information on the title of the document (taken from the edition), the date, and images for each papyrus.

*Fully-catalogued records* exist which contain more in-depth information about each inventory number for items from Karanis. An expanded list of searchable fields for these records is available in the technical specifications.

Images are available for 174 papyri, ranging in resolution from 150 dpi to 600dpi. For images of high resolution, the papyri have been scanned in multiple sections. All images have been captured with the Kontron Digital Camera.

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The University of Michigan Papyrus Collection

APIS (Advanced Papyrological Information System)

# APIS Item No. P.Mich. inv. 2737

## Background and Physical Properties

**Section/Side**: wax/wood

**Material**: WT

**Size**: 13.5 x 7.2

**Negative**: Yes

**Status**: published

## Contents

**Date**: Early 2nd Cent. A. D.

**Acquisition**: November 1924

**Language**: Latin

**Type of Text/Title of Work**: Birth Certificate of M. Cornelius Iustus,

## Information on Publications

### First Edition

**Series and volume**: Mem Amer Ac Rome 9

**Editor**: Sanders HA

**Year**: 1931

**Pg/Nr**: 61-70

**Photo**: Pl I

### Republications

**Series and volume**: PMich III

**Editor**: Sanders HA

**Year**: 1936

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**Pg/Nr**: 167

**Further Republications**: Rep Editor - Sanders HA; Rep Ser: PMich VII; 1947; pg. 167 (pg. 1)

**Further Republication Corrections**: BL VIII, 211 on 153-154

## System and Image Metadata

### Images

Full Size Front

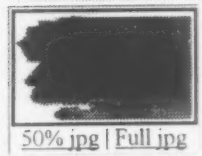
50% jpg | Full jpg

Full Size Back

50% jpg | Full jpg

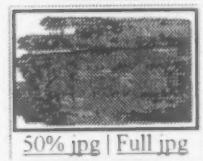
50% jpg | Full jpg

600 dpi Front



50% jpg | Full jpg

600 dpi Back



50% jpg | Full jpg

**Scanner Initials**: CT

**Date Scanned**: 6/24/96

## Cataloging

Back to Search Results Slice 1 | New Search

# I. Background & Physical Properties

| | | | |
|---|---|---|---|
| INV NO | P.Mich. inv. 2737 | | |
| Section_or_Side | wax/wood | Publ_side | |
| Library | | Location | |
| Connections | | | |
| Material | WT | Items | |
| Size | 13.5 x 7.2 | | |
| Lines | | Mounted | No |
| Negative | Yes | Negative in Copenhagen | |
| Conserv status | | | |
| Notes_preserv | | | |
| Palaeogr Descr | | | |
| Status | published | | |

# II. Contents

| | |
|---|---|
| Date | Early 2nd Cent. A. D. |
| Origin | |
| Provenance | |
| Acquisition | November 1924 |
| Language | Latin |
| Genre | |
| Author | |
| Type of text_title | Birth Certificate of M. Cornelius Justus. |
| Content | |
| Subj headings | |
| Persons | |
| Geographica | |
| Translation | |

# Medieval Realms -- Browse by Topic or Source

**Topics:**

- Church
  - Beliefs
  - Bishops
  - Cathedrals/Buildings
  - Christendom
  - Hermits and Anchoresses
  - Islam
  - Jews
  - Monks, Nuns, and Friars
  - Parishes
  - Pilgrimages
  - Pope
- Culture
  - Architecture
  - Heraldry
  - Music
  - Painting
  - Sculpture
  - Stories and Poems
- Economy
  - Crafts and Industry
  - Farming
  - Guilds
  - Merchants and Trade
  - Wool Trade
- Government
  - Castles
  - Feudalism
  - Forests
  - Law/Justice
  - Manors
  - Monarchy
  - Money
  - Parliament
  - Towns
  - War
- People
  - Barons
  - Children
  - Kings
  - Knights and Squires
  - Lords of the Manor
  - Queens
  - Villeins/Peasants
  - Women
- Places
  - The East
  - England
  - Europe
  - Exploration
  - France
  - Ireland
  - Scotland
  - Wales
- Science/Technology
  - Disease and Medicine

    - Science and Math
    - Tools and Materials
- Society
    - Castle Life
    - Court
    - Crime
    - Dress
    - Education
    - Food
    - Games, Sports, and Pastimes
    - Houses and Home Life
    - Tournaments
    - Town Life
    - Travel and Transport
    - Village Life
- Special Events
    - Black Death
    - Crusades
    - Hundred Years War
    - Magna Carta
    - Norman Conquest
    - Peasants' Revolt
    - War of the Roses

**Sources:**

- Artefacts
    - Armour and Weapons
    - Chests and Boxes
    - Church Objects
    - Coins
    - Musical Instruments
    - Personal and Household Objects
    - Scientific Instruments
    - Seals
    - Textiles/Embroidery
- Books
    - Chronicles
    - Lives
    - Maps
    - Printed Books
    - Recipe Books
    - Travel Writing
    - Treatises
- Buildings/Sites
    - Buildings
    - Sites
- Church Books and Records
    - Bishop's and Monastic Records
    - Court Records
    - Devotional Books
    - Letters and Edicts
    - Monastic Rules
- Government Records
    - Coroner's Rolls
    - Financial Records
    - Inquiries
    - Legal Records
    - Patent and Close Rolls
    - Records of Parliament

- Writs and Charters
- Literature
  - Drama
  - Poetry
  - Romance
- Music
  - Religious Music
  - Secular Music
- Private Papers
  - Estate Records
  - Household Accounts
  - Letters
  - Wills and Deeds
- Records of Towns and Manors
  - Charters
  - Manorial Records
  - Town and Guild Records

Simple Searches | Image Searches | Boolean Searches | About Medieval Realms | Main Page

# Africana Posters Collection Search Results

Africana Posters Home Page | Advanced Search Options | Help

**Language:** English
**Country** South Africa
**Artist:**
**Title:** Your vote is your secret : nobody will know who you are voting for.
**Publisher:** [Johannesburg, South Africa] : The Commission.
**Date:** [1994?]
**Format:** 1 poster : b&w and blue ; 46 x 64 cm.
**Series:**
**Notes:**
**Summary**: Poster includes a drawing of a little boy holding onto his mother's dress as she votes. Lower half of poster shows a blue ballot box.
**Restrictions**: The images on this web site, from posters in the collections of the Melville J. Herskovits Library of African Studies of Northwestern University, are provided for use by its students, faculty and staff, and by other researchers visiting this site, for research consultation and scholarly purposes only. Further distribution and/or any commercial use of the images from this site is not permitted.
**Object No.**: S.63.
**Subjects**: Voting -- South Africa -- Posters. / Elections -- South Africa -- Posters. / Political posters, South African.
**Topic:** South African elections of 1994.
**Contributor**:
**Agency:** South Africa. Independent Electoral Commission.

[ Go to the previous record. ][ Go to the next record. ]

NUL | help | search | NUL site map | return | Pres

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✉ africana@nwu.edu

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**MARC to SGML CONVERSION**
**African Poster Collection**

| MARC field | SGML tag | Description | Summary | Results | Basic Search | Adv. Search |
|---|---|---|---|---|---|---|
| 001 | M001 | Bib. No. | | X | | X |
| 008 | M041 | Language | | X | | X |
| 043 | M043 | Country | | X | | X |
| 100a | M100 | Artist | | X | X | X |
| 100d | M100 | | | X | | |
| 100q | M100 | | | X | | |
| 245a | M245 | Title | X | X | X | X |
| 245b | M245 | | | X | | |
| 260a | M260 | Publisher | | X | | |
| 260b | M260 | | | X | | |
| 260e | M260 | | | X | | |
| 260f | M260 | | | X | | |
| 260c | M260c | Date | X | X | X | X |
| 300a | M300 | Format | | X | | |
| 300b | M300 | | | X | | |
| 300c | M300 | | | X | | |
| 440a | M440 | Series | | X | | X |
| 440v | M440 | | | X | | |
| 830a | M440 | | | X | | |
| 830v | M440 | | | X | | |
| 500a | M500 | Note | | X | | |
| 505a | M500 | | | X | | |
| 520a | M520 | Description | | X | | X |
| 540a | M540 | Restrictions | | X | | |
| 590a | M590 | Object No. | | X | | X |
| 600a | M600 | Subject | | X | | X |
| 600d | M600 | | | X | | |
| 600q | M600 | | | X | | |
| 610a | M600 | | | X | | |
| 610b | M600 | | | X | | |
| 610x | M600 | | | X | | |
| 650a | M600 | | | X | | |
| 650z | M600 | | | X | | |
| 650y | M600 | | | X | | |
| 650x | M600 | | | X | | |
| 651a | M600 | | | X | | |
| 651z | M600 | | | X | | |
| 651y | M600 | | | X | | |
| 651x | M600 | | | X | | |
| 653a | M653 | Topic | | X | | X |
| 700a | M700 | Contributor | | X | | X |
| 700d | M700 | | | X | | |
| 700q | M700 | | | X | | |
| 710a | M710 | Agency | X | X | X | X |
| 710b | M710 | | | X | | |
| 856-1u | M856-1u | [JPG image] | | X | | |

**Call Number:** W3.46/1:T14/16
**Artist:** Stoops, Herbert Morton.
**Title:** Careless talk-- got there first.
**Publisher:** [Washington, D.C.] : U.S. G.P.O. : Distributed by O.W.I.
**Date:** 1944.
**Format:** 1 poster : col. ; 70 x 50 cm.
**Series:**
**Notes:** "U.S. War Dept., Army Service Forces, Adjutant General's Dept."--Monthly catalog 1944, p. 1092.
**Summary**: GI paratrooper soldier is shot as parachutes land, with bombardment in background.
**Restrictions**: Materials published by the U.S. Government Printing Office are in the public domain and, as such, not subject to copyright restriction. However, the Library requests users to cite the URL and Northwestern University Library whenever they reproduce images from its poster database.
**Object No.**: II.9.
**Subjects**: National security -- United States -- Posters. / World War, 1939-1945 -- Social aspects -- United States -- Posters. / War posters, American.
**Topic:** "Don't talk".
**Contributor**:
**Agency:** United States. Adjutant-General's Office. / United States. Office of War Information.

[ Go to the next record. ]



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✉ govpubs@nwu.edu

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# Dublin Core Metadata for the Runyon Collection

```
dn: cn=00010,cn=runyon,cn=utlol,cn=urn
objectclass: top
objectclass: dcObject
objectclass: runyonObject
objectclass: uriObject
dccreator: Runyon, Robert, 1881-1968
dcsubject: Mexico--History--Revolution, 1910-1920
dcsubject: Revolutions--Mexico
dcsubject: Soldiers--Mexico
dcsubject: War--Mexico
dcsubject: Matamoros (Tamaulipas, Mexico)
dcdescription: 1 glass-plate negative ; 5x7 in.
dcpublisher: The Center for American History and General Libraries$University
 of Texas at Austin
dcidentifier: (scheme=URN) urn:utlol:runyon.00010
dcsource: 00010
dccoverageplacename: Matamoros
dccoverageperiodname: 1913-1915
cn: 00010
dctitle: Soldiers in front of Aduana Martinez y Fronteriza
urn: urn:utlol:runyon.00010
urc;html: http://runyon.lib.utexas.edu/record_html.jsp
urc;txt: http://runyon.lib.utexas.edu/record_txt.jsp
urc;pdf: http://runyon.lib.utexas.edu/record_pdf.jsp
url: http://runyon.lib.utexas.edu/n2c?urn:utlol:runyon.00010
dcrights: http://runyon.lib.utexas.edu/n2r?urn:utlol:runyon.rights
urc;lcdoc: http://runyon.lib.utexas.edu/record_lcdoc.jsp
creatorsname: cn=Directory Manager
modifiersname: cn=Directory Manager
createtimestamp: 19981021212404Z
modifytimestamp: 19981021212404Z
```

## FULL DISPLAY

**AUTHOR:**

Runyon, Robert, 1881-1968

**TITLE:**

Runyon, Robert, photograph collection, 1907-1968.

**DESCRIPTION:**

photonegatives: 11,000 b&w, glass, nitrate, and safety base; panoramic, banquet, 8x10, and smaller.
photoprints: 2,400 b&w; panoramic, 11x16, and smaller.
postcards: 350 b&w and color; 3 1/2 x 5 1/2.
positive transparencies and lantern slides: 75 b&w; 5x7 and smaller.
1 ft. 5 in. manuscript material.

**INTERNET:**

http://runyon.lib.utexas.edu/

**NOTES:**

Photographs organized into eight series: 1. Mexican Revolution. 2. United States military forces. 3. Mexico. 4. Lower Rio Grande Valley. 5. Other United States views. 6. Botanical studies. 7. Portraits. 8. Copy photographs. Arranged according to format type and, where applicable, by size.
Manuscript material organized into three series: 1. Gulf Coast News and Hotel Company. 2. Photography materials. 3. Financial records. arranged chronologically by material type or alphabetical category.
Robert Runyon (1881-1968) was born in Kentucky and migrated to Brownsville, Texas, in 1909. Throughout the 1910s and 1920s, he worked as a commercial photographer, photographing throughout the Lower Rio Grande Valley of Texas and Northeastern Mexico. In the late 1920s, he closed his photography studio to pursue other business interests. He served as Brownsville city manager from 1937 to 1940 and as mayor from 1941 to 1943. After leaving commercial photography, Runyon continued his study of Valley plant life, collaborating on two books about the flora of Texas.
Summary: Collection documents Northeastern Mexico and the Lower Rio Grande Valley of Texas during the 1910s and 1920s. Included are images of the Mexican Revolution, 1913-1915, depicting events in Matamoros, Ciudad Victoria, Monterrey, and surrounding areas; views of the concomitant U.S. military buildup at Fort Brown in Brownsville, Texas, and at other Valley sites; non-military views of the Valley including images of cities, agriculture, wildlife, plants, and other natural features; and an extensive group of studio portraits and group shots taken in Brownsville and Matamoros in the late 1910s and 1920s. Manuscript materials document the business and technical aspects of Runyon's photography.
Finding aids: Published guide to microfiche: item level control.
Original negatives restricted to viewing on microfiche or as digital positive images.
All nonpanoramic negatives and selected prints, postcards, and lantern slides available for viewing on microfiche. 8,241 items digitized (negatives converted to positive images) for viewing online. Compressed JPEG images accessible via World Wide Web.
Cite as: Robert Runyon Photograph Collection, 1907-1968, Center for American History, University of Texas at Austin.

**SUBJECTS:**

Runyon, Robert, 1881-1968--Archives.
Brownsville (Tex.)
Mexico
Rio Grande Valley
Photography, Commercial--Texas.
Photography--Landscapes--Mexico.
Photography--Landscapes--Texas.
Photography--Portraits--Texas.

**GENRE:**

Aerial views.
Photonegatives.
Photoprints.
Postcards.

**OCCUPATION:**

Photographers--Texas.

**OCLC NUMBER:**

21743771

## Locations

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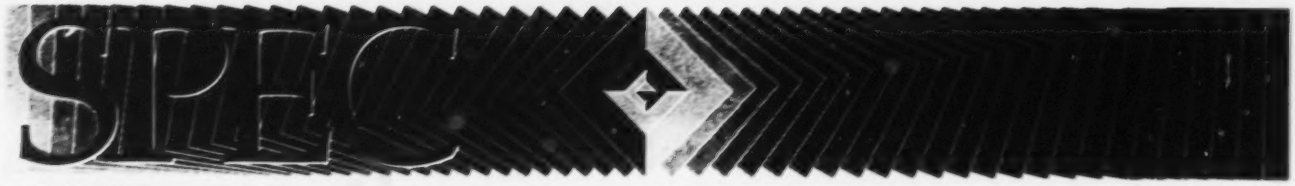


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